

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011166.D
 Acq On : 07 Aug 2017 23:32
 Operator : SJ/JU
 Sample : I4592-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Manual Integrations
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Sohil
 8/10/2017 6:13:04 PM

Quant Time: Aug 08 03:10:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	142058	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	669001	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	594397	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1827048	20.00	ng	-0.07
75) Chrysene-d12	20.97	240	2310090	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1886611	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	1309498	155.83	ng	-0.07
7) Phenol-d6	6.52	99	1776176	148.76	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1819922	102.10	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1702169	178.67	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	4348335	91.75	ng	-0.08
78) Terphenyl-d14	19.41	244	10140358	86.95	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	153478	40.676	ng	# 100
3) Pyridine	3.34	79	442087	42.895	ng	# 83
4) n-Nitrosodimethylamine	3.25	42	294807	56.131	ng	# 66
6) Aniline	6.67	93	290223	19.286	ng	# 75
8) 2-Chlorophenol	6.89	128	403563	47.301	ng	# 71
9) Benzaldehyde	6.47	77	80589	10.432	ng	# 72
10) Phenol	6.55	94	621963	47.959	ng	90
11) bis(2-Chloroethyl)ether	6.77	93	490196	48.511	ng	88
12) 1,3-Dichlorobenzene	7.20	146	447782	43.064	ng	# 77
13) 1,4-Dichlorobenzene	7.35	146	445735	41.821	ng	# 89
14) 1,2-Dichlorobenzene	7.66	146	451916	44.347	ng	# 90
15) Benzyl Alcohol	7.57	79	658037	57.450	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.86	45	503660	55.390	ng	80
17) 2-Methylphenol	7.77	107	455758	54.987	ng	# 70
18) Hexachloroethane	8.37	117	216934	46.673	ng	# 81
19) n-Nitroso-di-n-propylamine	8.13	70	639811	63.058	ng	# 90
20) 3+4-Methylphenols	8.10	107	610344	52.974	ng	# 77
22) Acetophenone	8.13	105	885964	44.179	ng	# 88
24) Nitrobenzene	8.50	77	891288	48.253	ng	# 80
25) Isophorone	9.03	82	1609056	54.140	ng	# 82
26) 2-Nitrophenol	9.20	139	252279	42.925	ng	# 1
27) 2,4-Dimethylphenol	9.28	122	487504	47.119	ng	# 63
28) bis(2-Chloroethoxy)methane	9.52	93	800382	48.285	ng	# 96
29) 2,4-Dichlorophenol	9.73	162	575255	49.480	ng	92
30) 1,2,4-Trichlorobenzene	9.94	180	654879	45.557	ng	97
31) Naphthalene	10.12	128	1558236	46.300	ng	98
32) Benzoic acid	9.45	122	327625	39.396	ng	# 43
33) 4-Chloroaniline	10.28	127	212550	15.831	ng	# 62
34) Hexachlorobutadiene	10.41	225	513754	45.377	ng	98
35) Caprolactam	11.06	113	168154m	51.002	ng	
36) 4-Chloro-3-methylphenol	11.39	107	838338	55.844	ng	# 74
37) 2-Methylnaphthalene	11.75	142	1339185	54.166	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	1015737	39.775	ng	# 100
40) Hexachlorocyclopentadiene	12.11	237	230770	15.508	ng	99

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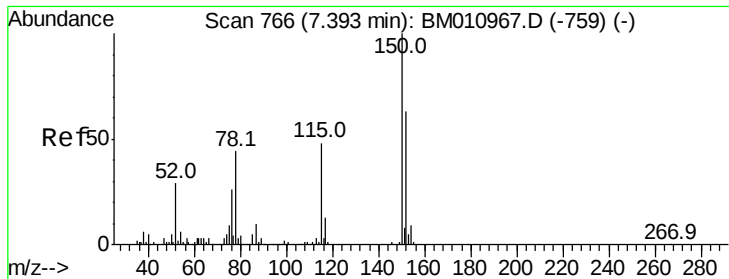
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	702106	45.424	nq	97
43) 2,4,5-Trichlorophenol	12.46	196	773886	48.612	nq	# 85
45) 1,1'-Biphenyl	12.80	154	2083794	40.544	nq	96
46) 2-Chloronaphthalene	12.83	162	1631306	43.078	nq	# 94
47) 2-Nitroaniline	13.06	65	776345	57.950	nq	# 60
48) Acenaphthylene	13.69	152	2654658	46.974	nq	99
49) Dimethylphthalate	13.46	163	2438548	47.958	nq	# 98
50) 2,6-Dinitrotoluene	13.57	165	519983	50.570	nq	# 44
51) Acenaphthene	14.05	154	1635467	46.738	nq	98
52) 3-Nitroaniline	13.91	138	312169	34.985	nq	# 25
53) 2,4-Dinitrophenol	14.12	184	787449	107.757	nq	# 83
54) Dibenzofuran	14.39	168	3052383	53.835	nq	# 90
55) 4-Nitrophenol	14.24	139	609428	77.739	nq	# 80
56) 2,4-Dinitrotoluene	14.37	165	816810	56.585	nq	# 74
57) Fluorene	15.04	166	2614513	52.962	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.62	232	908150	60.861	nq	# 100
59) Diethylphthalate	14.85	149	2757988	53.110	nq	99
60) 4-Chlorophenyl-phenylether	15.05	204	1564208	52.482	nq	96
61) 4-Nitroaniline	15.08	138	305922	32.279	nq	# 1
62) Azobenzene	15.34	77	3634913	65.403	nq	85
64) 4,6-Dinitro-2-methylphenol	15.14	198	565330	45.706	nq	93
65) n-Nitrosodiphenylamine	15.27	169	2056567	39.332	nq	100
66) 4-Bromophenyl-phenylether	15.94	248	1077733	45.885	nq	# 91
67) Hexachlorobenzene	16.04	284	1123336	42.325	nq	# 85
68) Atrazine	16.24	200	635414	30.325	nq	98
69) Pentachlorophenol	16.40	266	1580909	93.822	nq	98
70) Phenanthrene	16.78	178	4784263	50.009	nq	99
71) Anthracene	16.87	178	4849959	50.832	nq	99
72) Carbazole	17.15	167	3308575	39.652	nq	99
73) Di-n-butylphthalate	17.74	149	5132200	50.508	nq	# 96
74) Fluoranthene	18.82	202	6625202	55.883	nq	99
77) Pyrene	19.18	202	6771362	49.331	nq	99
79) Butylbenzylphthalate	20.13	149	2471711	50.639	nq	# 66
80) Benzo(a)anthracene	20.95	228	6631156	50.272	nq	98
81) 3,3'-Dichlorobenzidine	20.90	252	274213	5.299	nq	# 97
82) Chrysene	21.00	228	6213918	49.077	nq	100
83) Bis(2-ethylhexyl)phthalate	20.92	149	3541344	49.318	nq	# 99
84) Di-n-octyl phthalate	21.76	149	5900391	50.629	nq	96
85) Indeno(1,2,3-cd)pyrene	25.09	276	5780375	44.081	nq	# 96
87) Benzo(b)fluoranthene	22.44	252	6732752	55.603	nq	# 92
88) Benzo(k)fluoranthene	22.48	252	6042291	52.064	nq	# 94
89) Benzo(a)pyrene	22.96	252	5870177	53.577	nq	# 95
90) Dibenzo(a,h)anthracene	25.10	278	4595486	45.244	nq	# 90
91) Benzo(g,h,i)perylene	25.71	276	4518213	45.301	nq	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

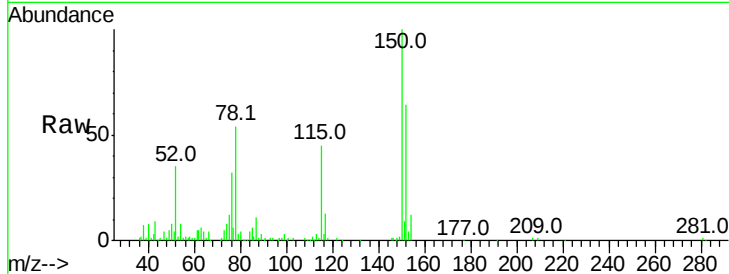
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	69.8	43.0	64.4

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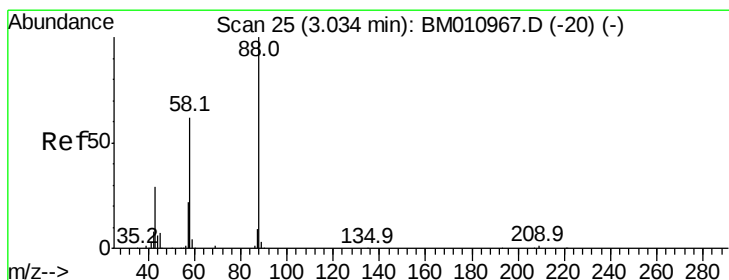
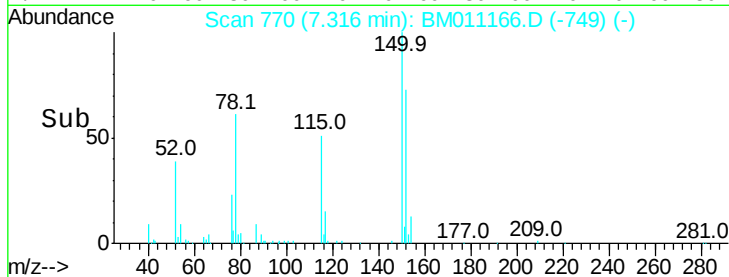
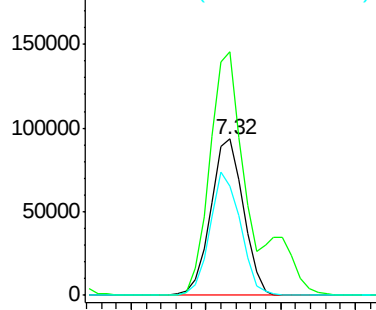


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

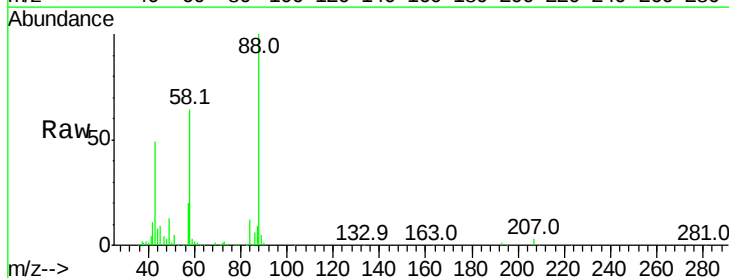
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.676 ng
RT: 2.96 min Scan# 30
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	0.0	0.0
43	47.2	0.0	0.0

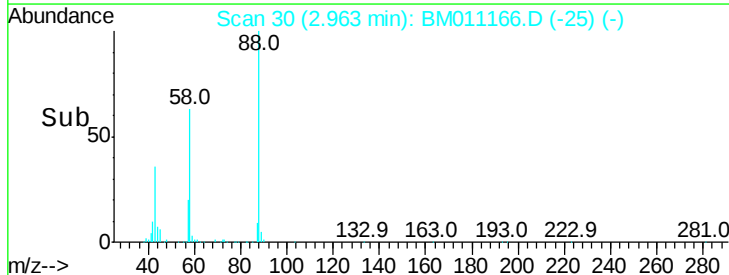
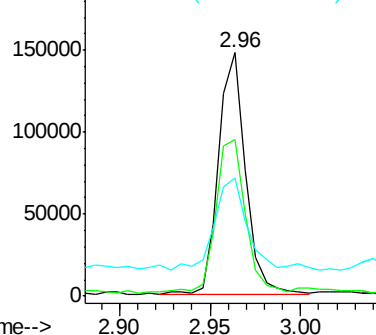


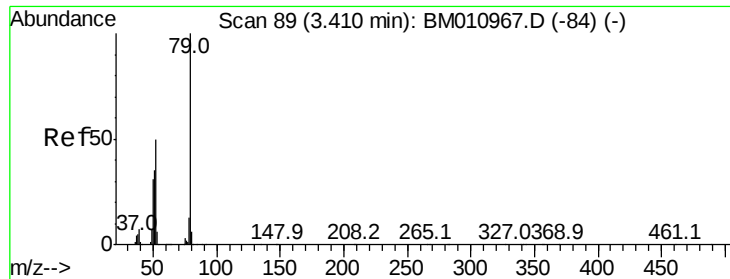
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





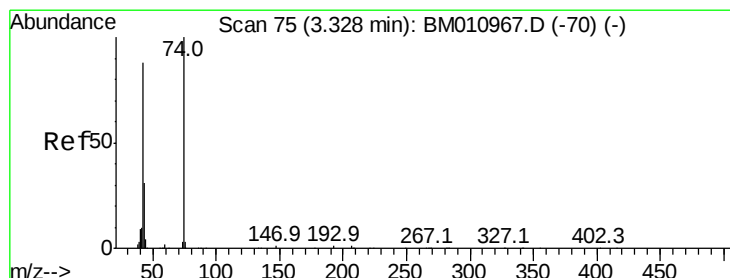
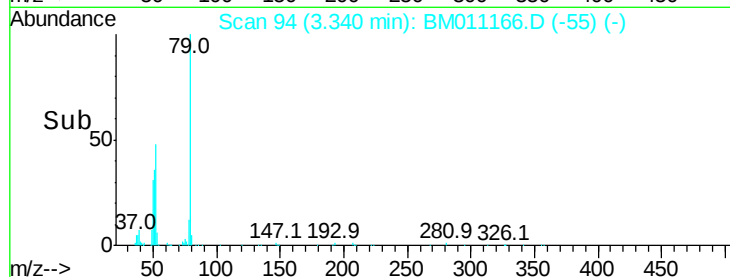
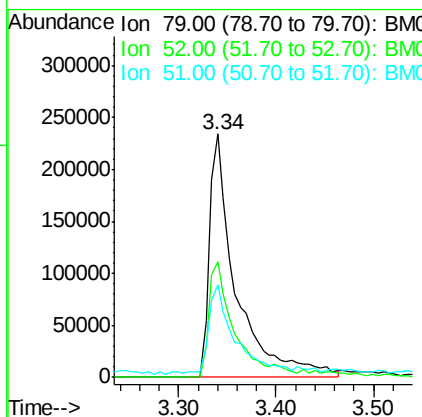
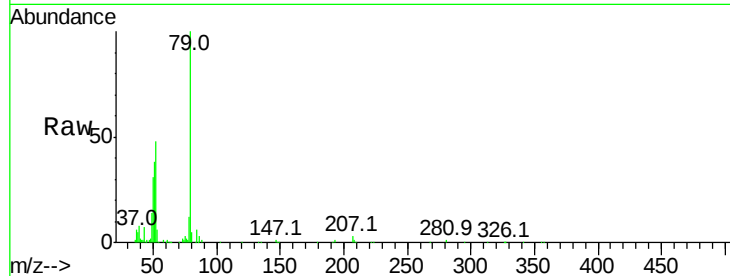
#3
 Pvridine
 Concen: 42.895 ng
 RT: 3.34 min Scan# 94
 Delta R.T. -0.07 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		442087		
52	47.7	51.1	76.7#		
51	37.8	26.1	39.1		

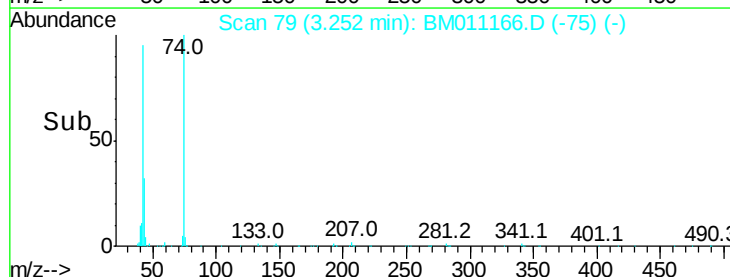
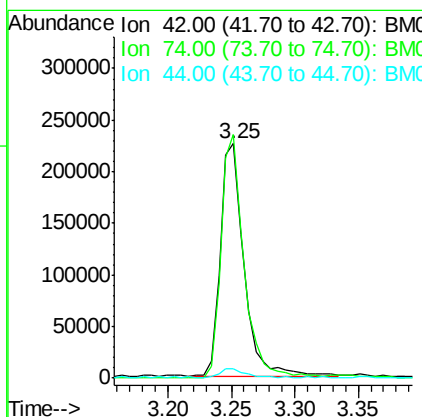
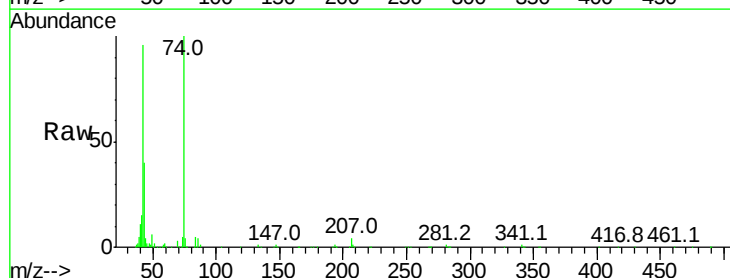
Manual Integrations
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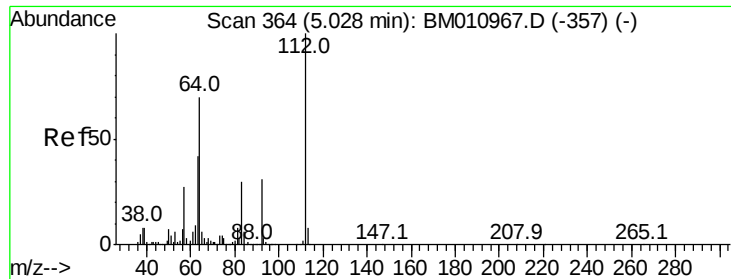
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#4
 n-Nitrosodimethylamine
 Concen: 56.131 ng
 RT: 3.25 min Scan# 79
 Delta R.T. -0.08 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		294807		
74	103.9	119.3	178.9#		
44	4.2	5.4	8.2#		





#5

2-Fluorophenol

Concen: 155.826 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

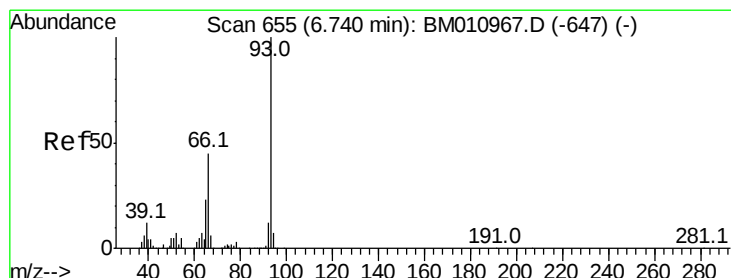
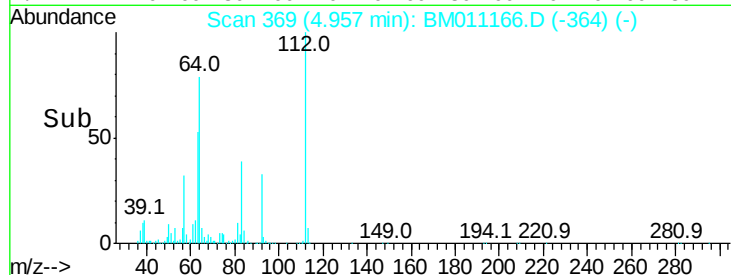
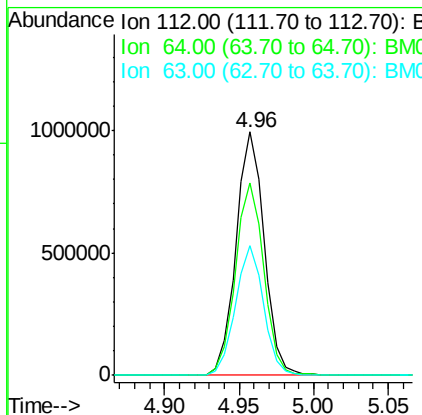
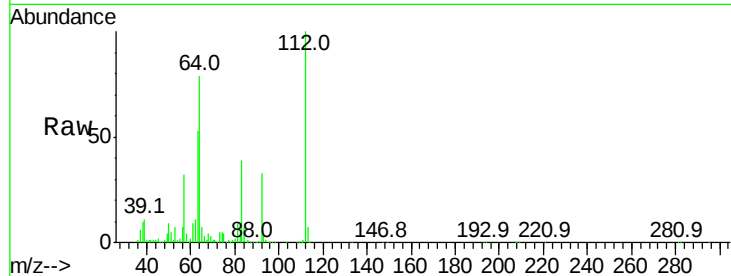
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	112	Resp:	1309498
Ion Ratio	Lower	Upper	
112	100		
64	79.3	38.6	57.8#
63	53.2	19.3	28.9#

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#6

Aniline

Concen: 19.286 ng

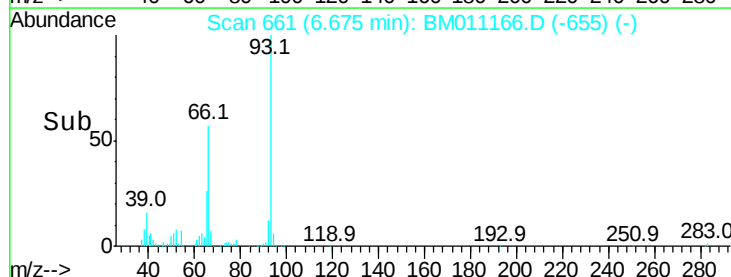
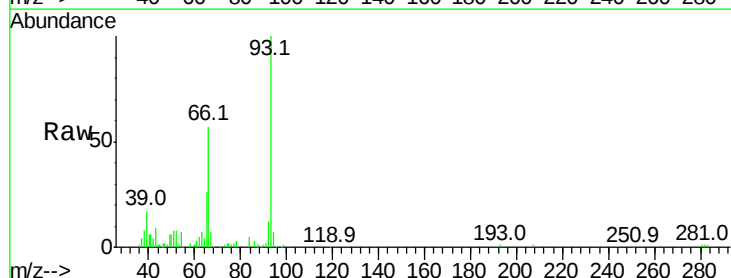
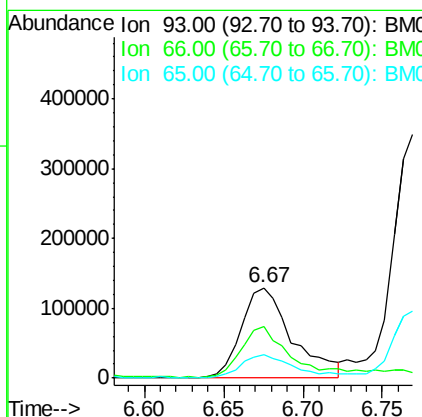
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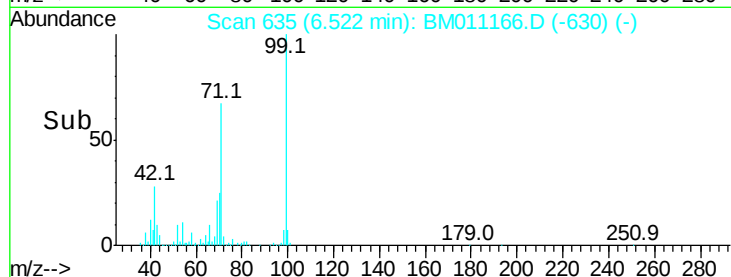
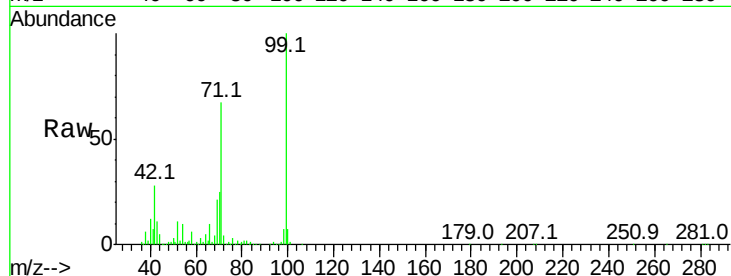
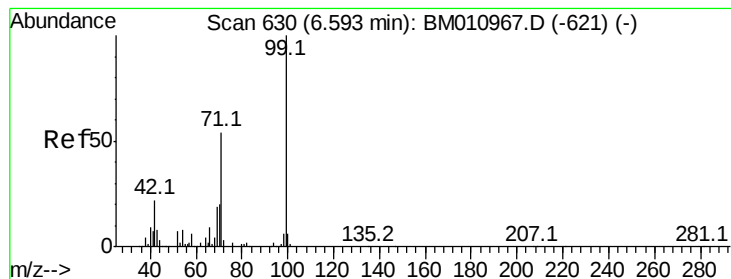
Delta R.T. -0.06 min

Lab File: BM011166.D

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Tgt Ion:	93	Resp:	290223
Ion Ratio	Lower	Upper	
93	100		
66	57.0	30.8	46.2#
65	26.5	16.0	24.0#





#7

Phenol-d6

Concen: 148.759 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tot Ion	99	Resp	1776176
Ion	Ratio	Lower	Upper
99	100		
42	28.0	11.0	16.4#
71	66.8	23.4	35.2#

Instrument :

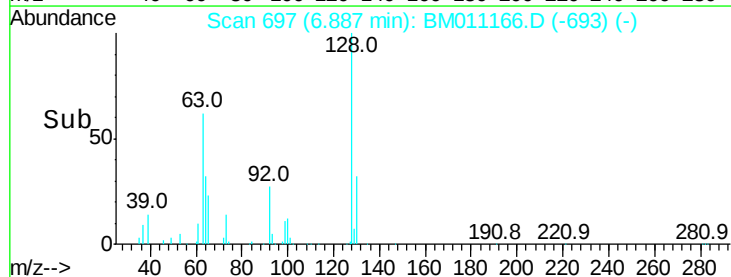
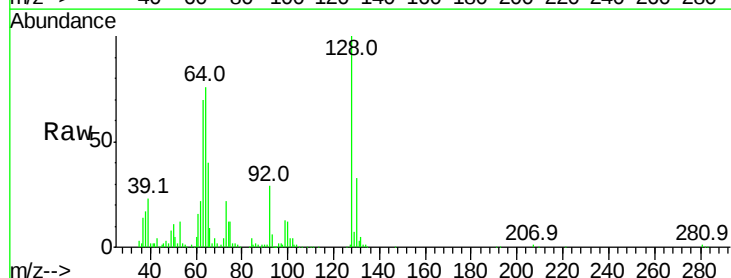
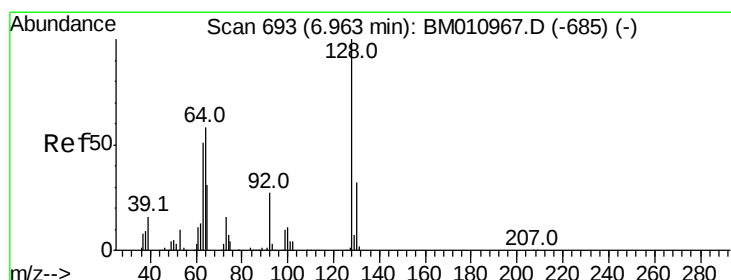
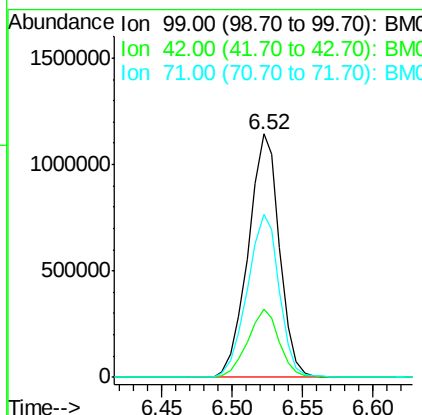
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 47.301 ng

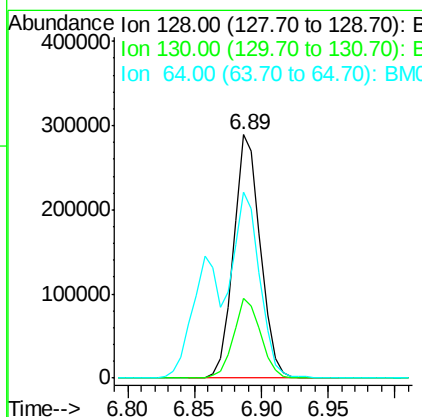
RT: 6.89 min Scan# 697

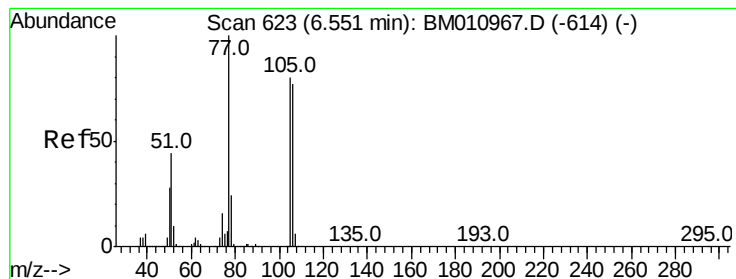
Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion	128	Resp	403563
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	76.4	24.9	64.9#





#9

Benzaldehyde

Concen: 10.432 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

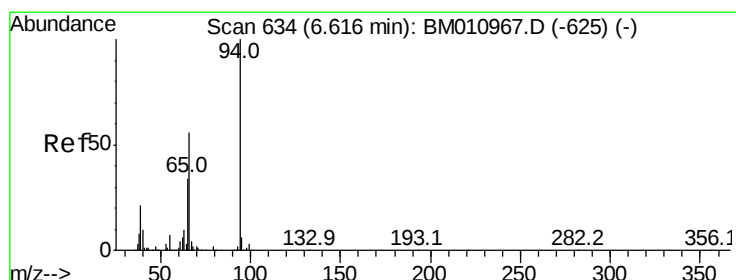
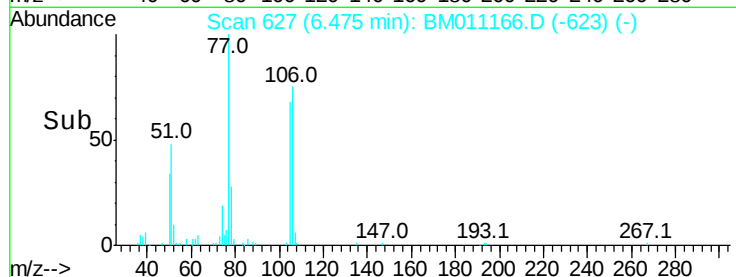
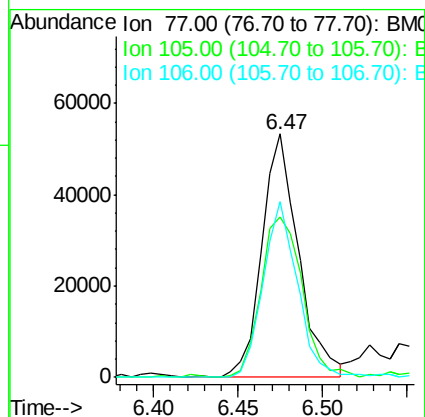
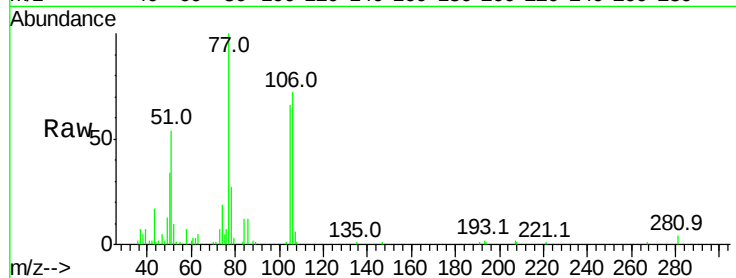
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	77	Resp:	80589
Ion Ratio	Lower	Upper	
77	100		
105	66.1	78.8	118.8#
106	72.2	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 47.959 ng

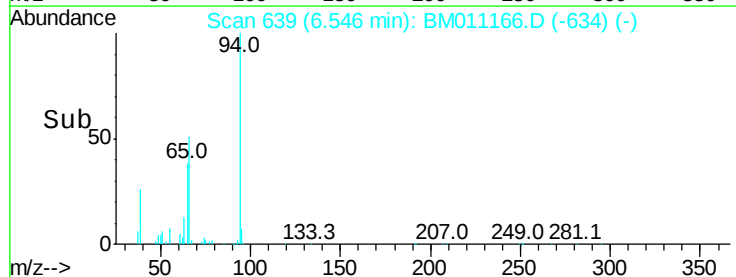
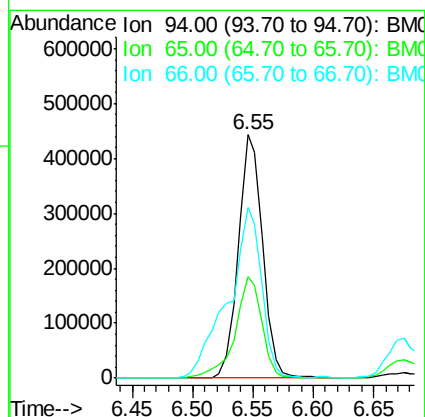
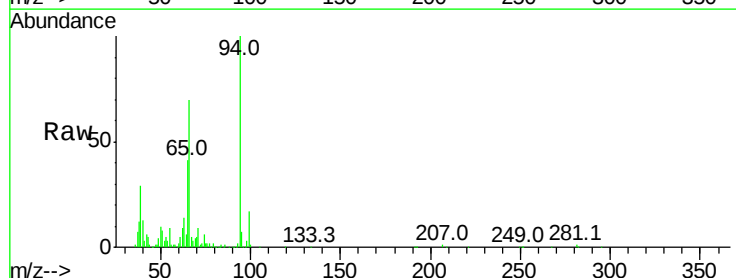
RT: 6.55 min Scan# 639

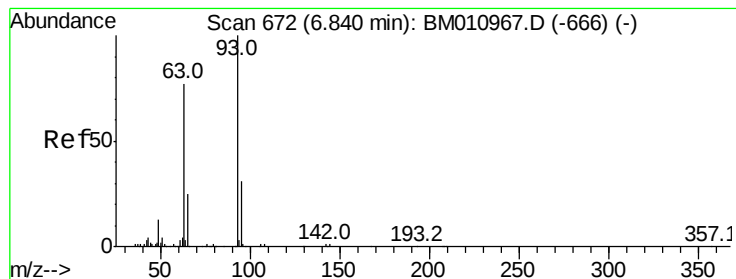
Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion:	94	Resp:	621963
Ion Ratio	Lower	Upper	
94	100		
65	41.5	18.8	58.8
66	70.3	39.9	79.9





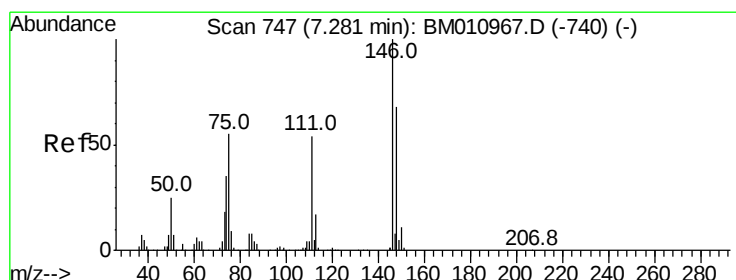
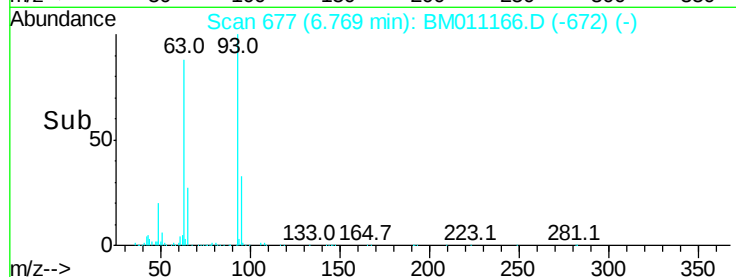
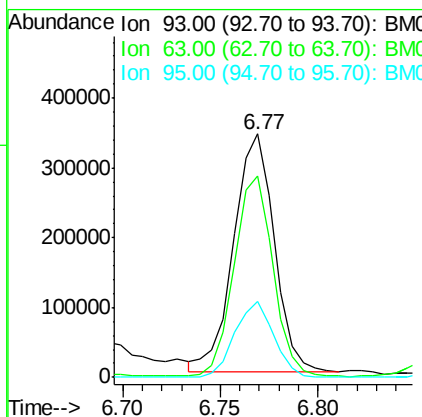
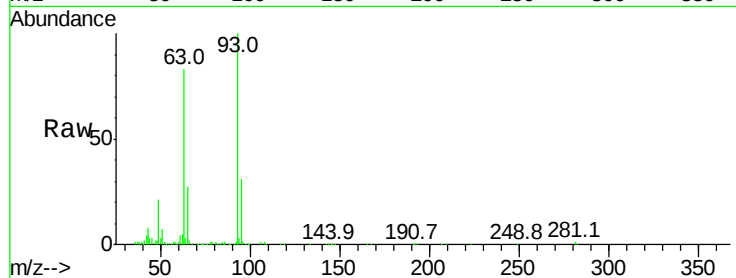
#11
bis(2-Chloroethyl)ether
Concen: 48.511 ng
RT: 6.77 min Scan# 677
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	490196		
63	82.9	49.5	89.5	
95	31.0	13.5	53.5	

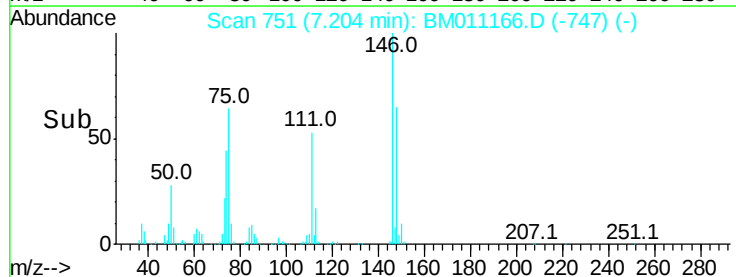
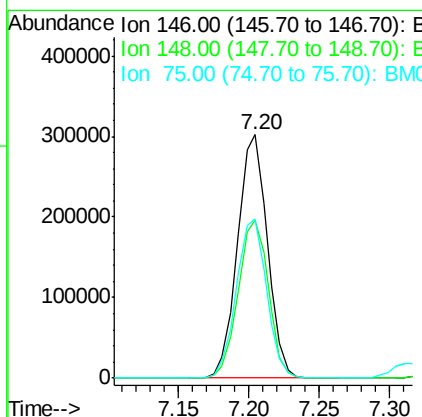
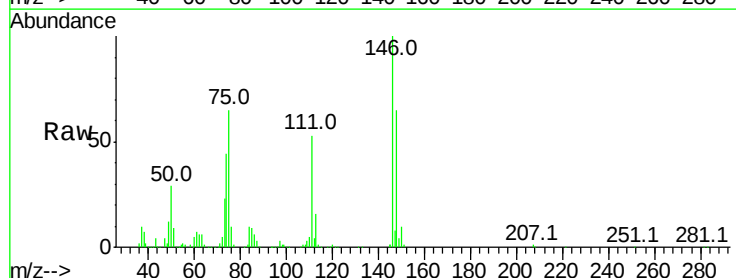
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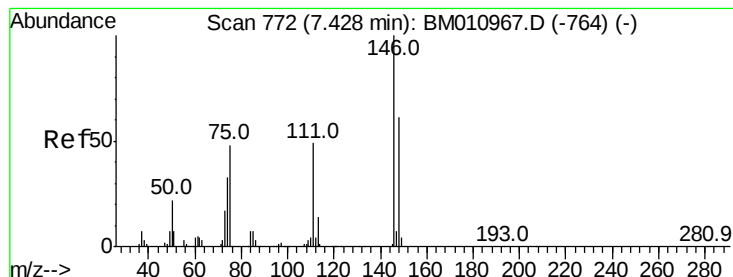
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.064 ng
RT: 7.20 min Scan# 751
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	447782		
148	64.7	50.9	76.3	
75	65.1	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 41.821 ng

RT: 7.35 min Scan# 775

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

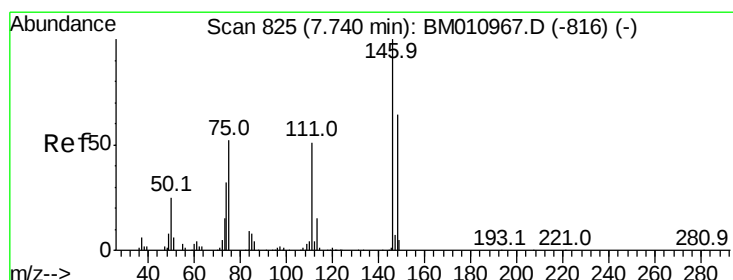
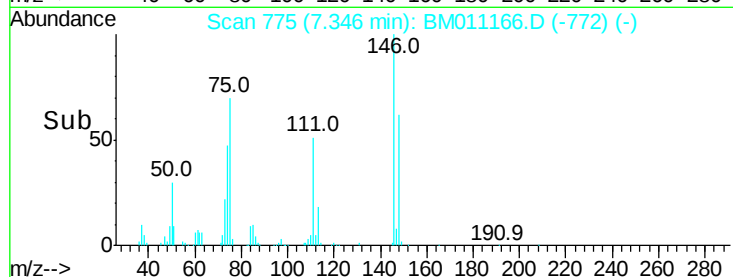
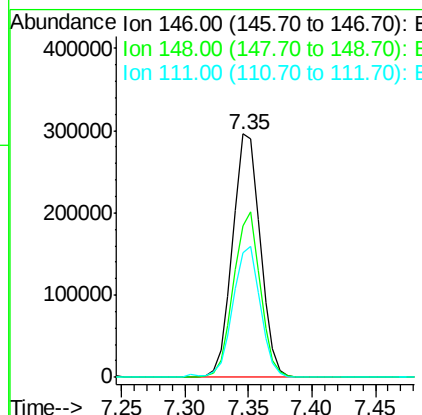
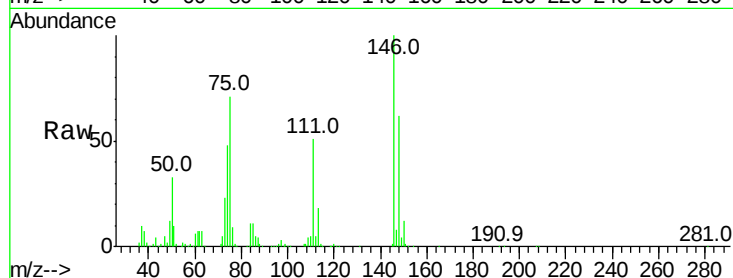
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	146	Resp:	445735
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
111	51.1	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 44.347 ng

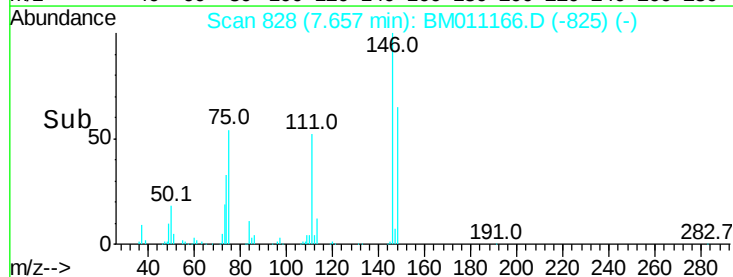
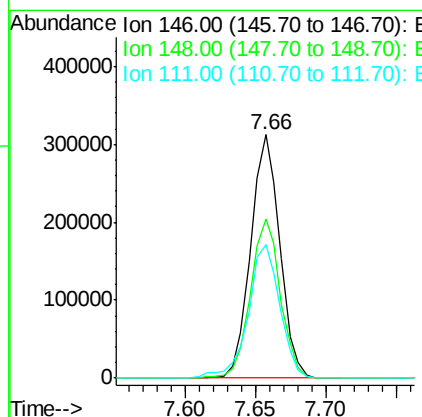
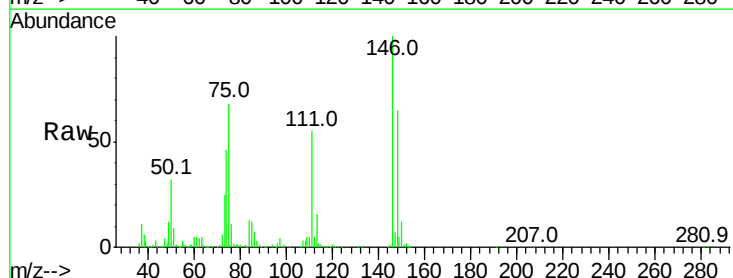
RT: 7.66 min Scan# 828

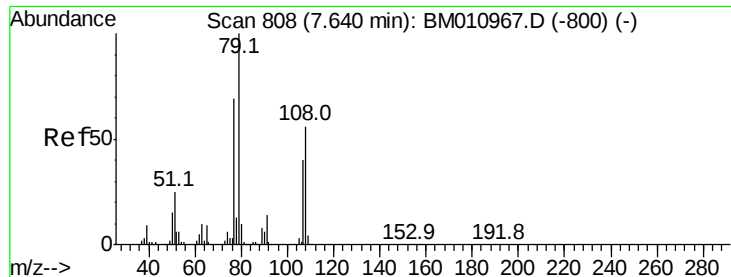
Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion:	146	Resp:	451916
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.3	78.5
111	55.0	30.6	45.8#





#15

Benzyl Alcohol

Concen: 57.450 ng

RT: 7.57 min Scan# 813

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion: 79 Resp: 658037

Ion Ratio Lower Upper

79 100

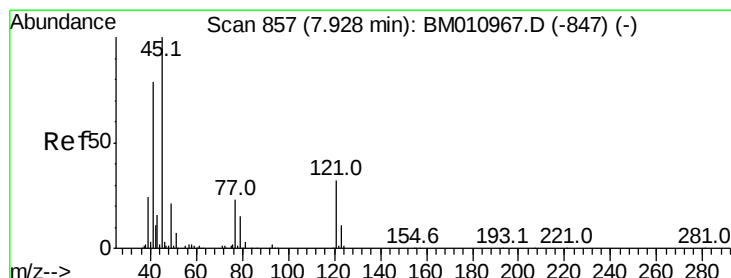
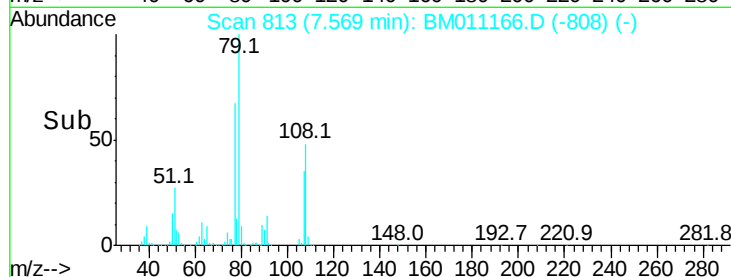
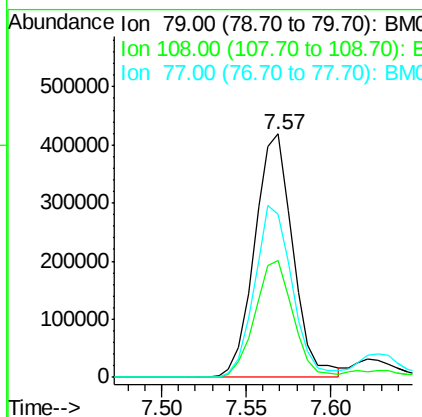
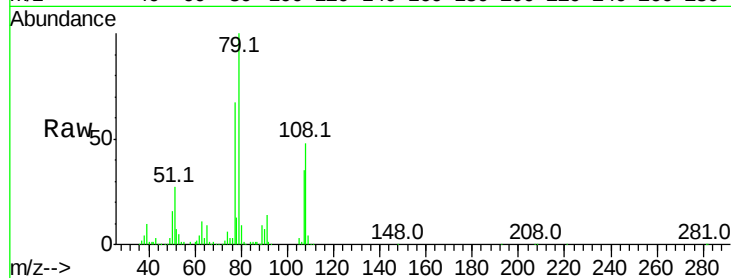
108 48.3 65.0 97.4#

77 67.1 53.0 79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.390 ng

RT: 7.86 min Scan# 862

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

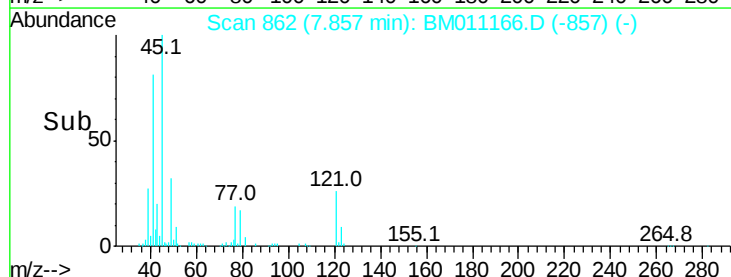
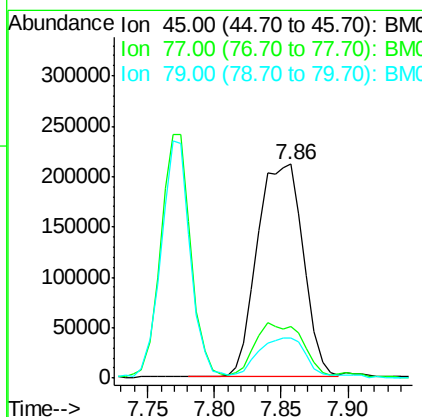
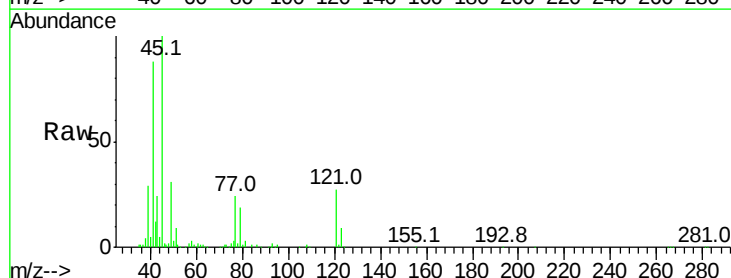
Tgt Ion: 45 Resp: 503660

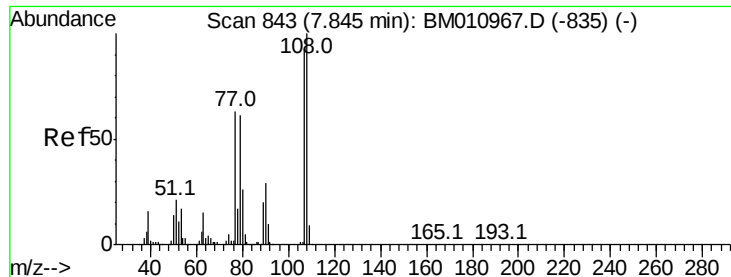
Ion Ratio Lower Upper

45 100

77 24.3 0.0 35.2

79 18.9 0.0 32.0





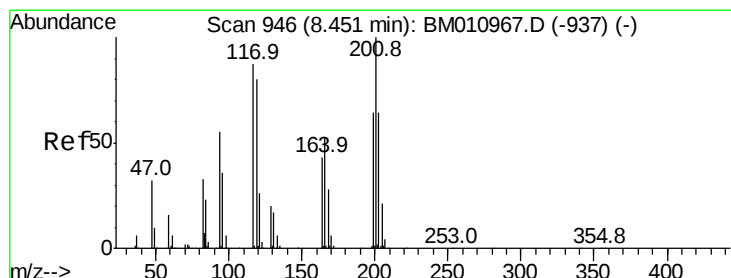
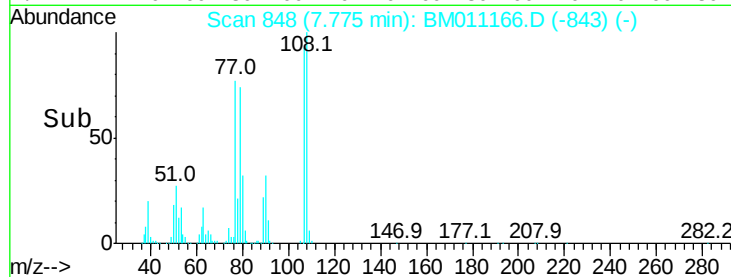
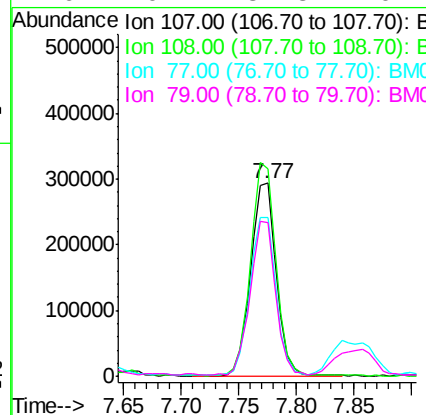
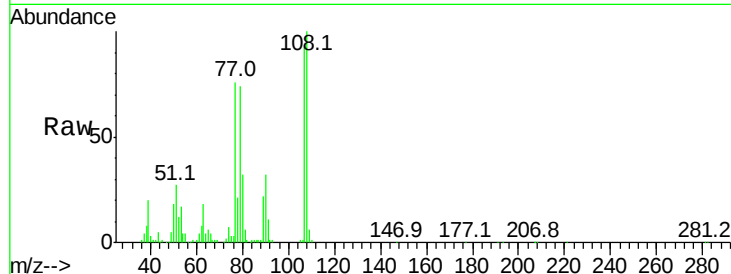
#17
2-Methylphenol
Concen: 54.987 ng
RT: 7.77 min Scan# 848
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	89.8	134.8	
77	82.2	32.6	48.8#	
79	79.4	32.8	49.2#	

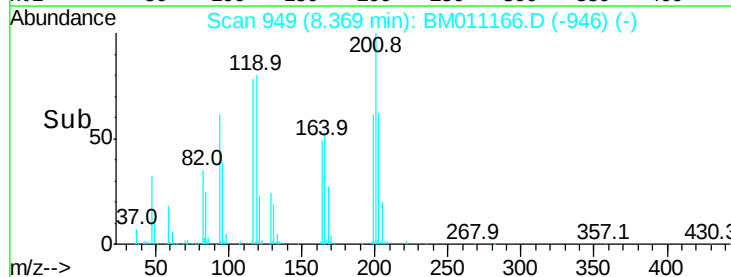
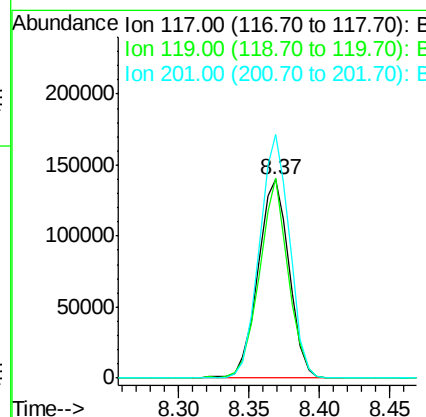
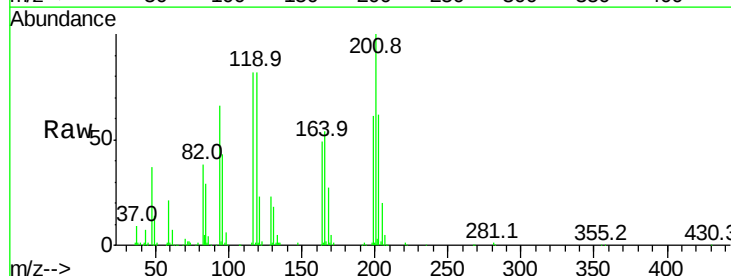
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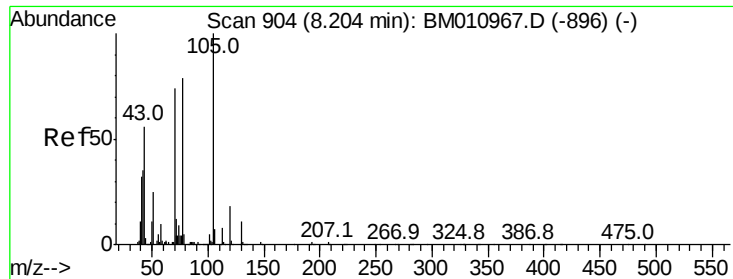
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#18
Hexachloroethane
Concen: 46.673 ng
RT: 8.37 min Scan# 949
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.5	79.2	118.8	
201	122.6	69.8	104.6#	





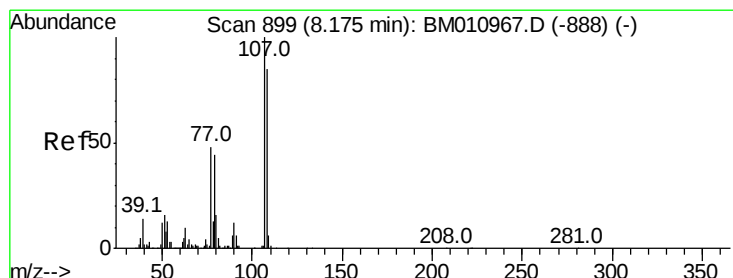
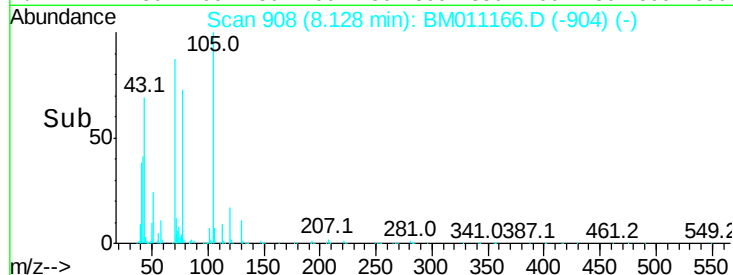
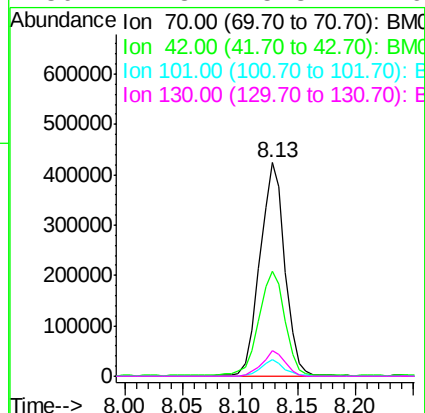
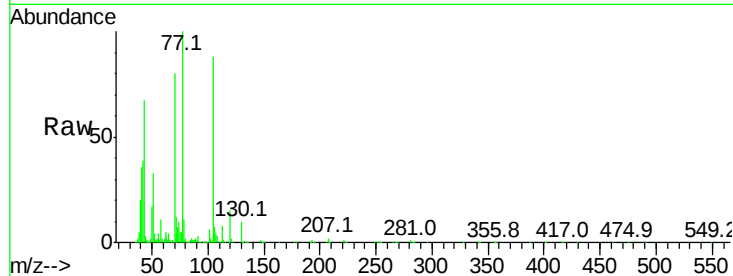
#19
n-Nitroso-di-n-propylamine
Concen: 63.058 ng
RT: 8.13 min Scan# 908
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	44.5	66.7
101	7.6	7.4	11.2
130	12.3	15.3	22.9#

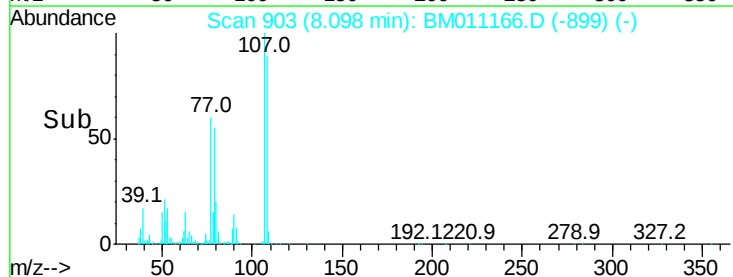
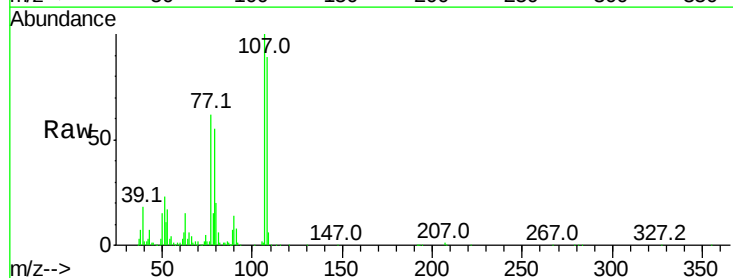
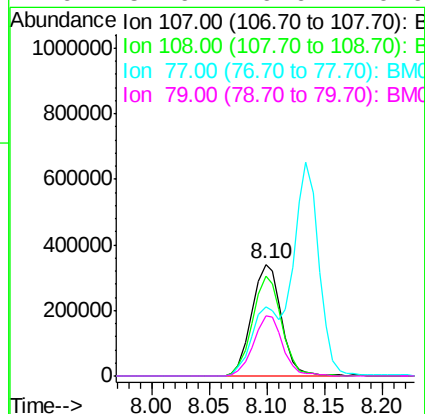
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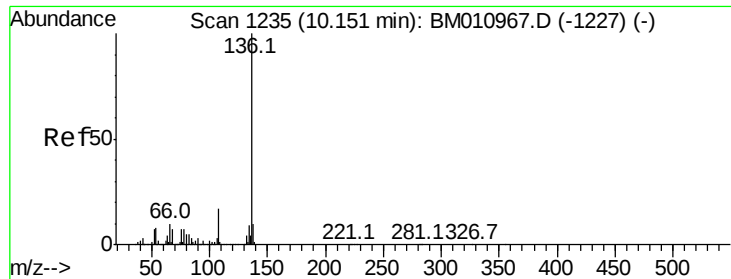
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#20
3+4-Methylphenols
Concen: 52.974 ng
RT: 8.10 min Scan# 903
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.2	113.2
77	62.2	10.7	50.7#
79	54.6	9.6	49.6#





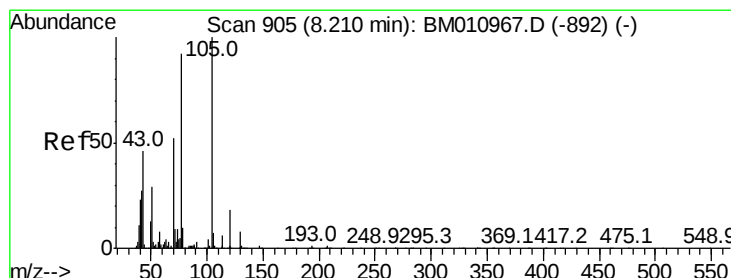
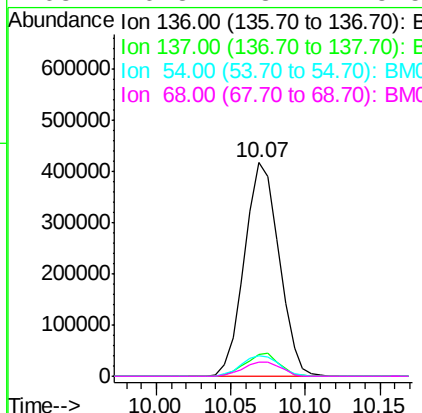
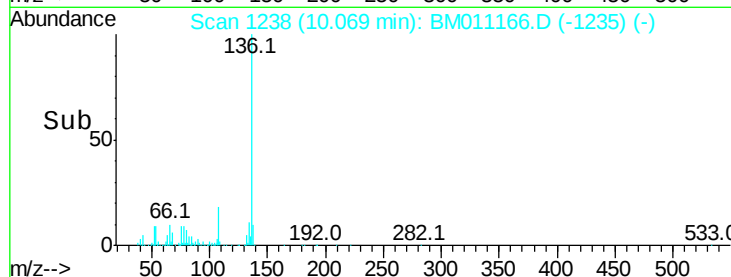
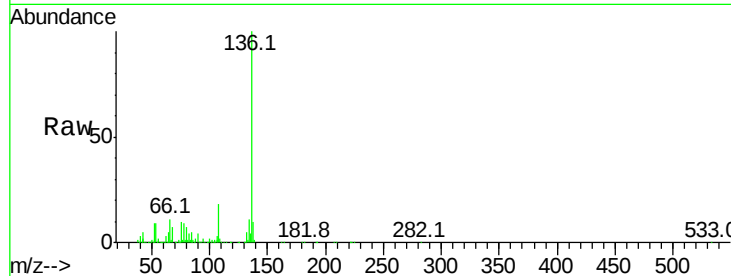
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	669001		
137	10.5	8.7	13.1	
54	9.4	4.6	6.8#	
68	6.8	3.7	5.5#	

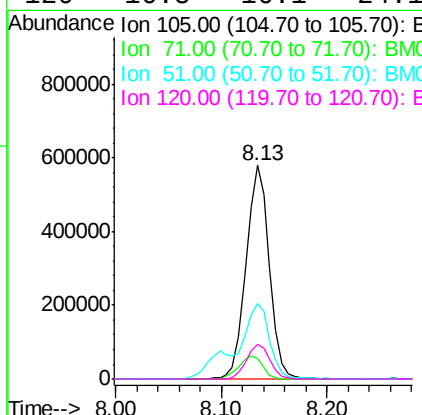
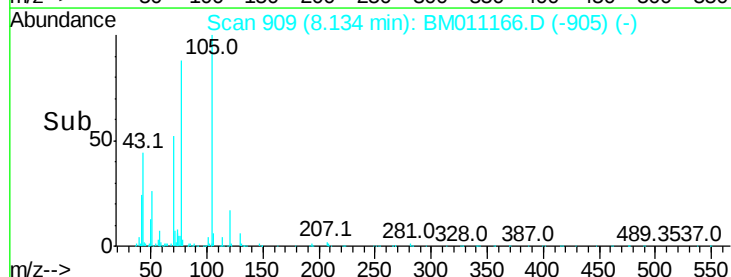
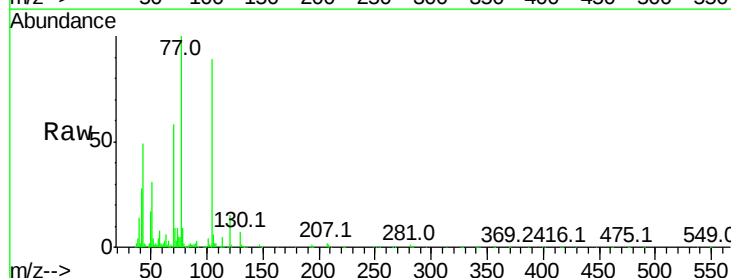
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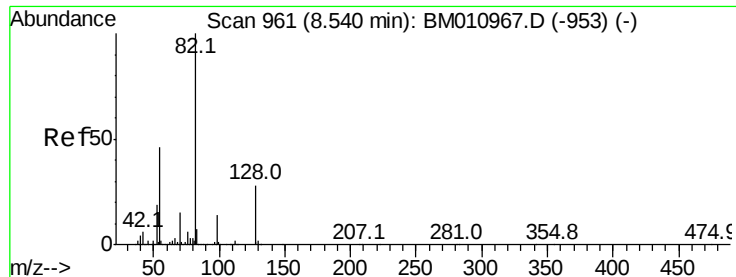
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#22
Acetophenone
Concen: 44.179 ng
RT: 8.13 min Scan# 909
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	885964		
71	9.9	0.6	1.0#	
51	35.1	21.6	32.4#	
120	16.5	16.1	24.1	





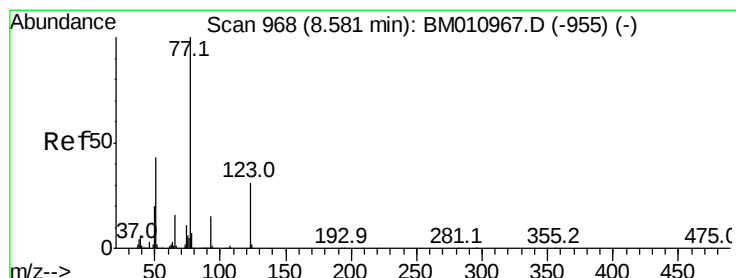
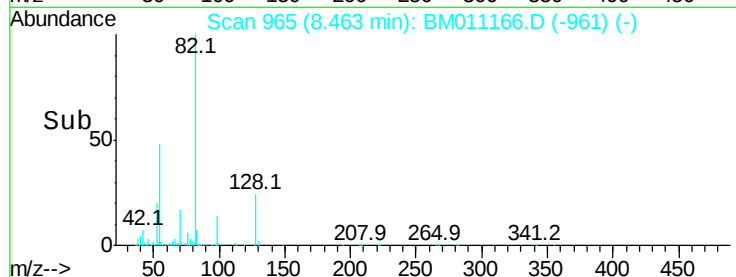
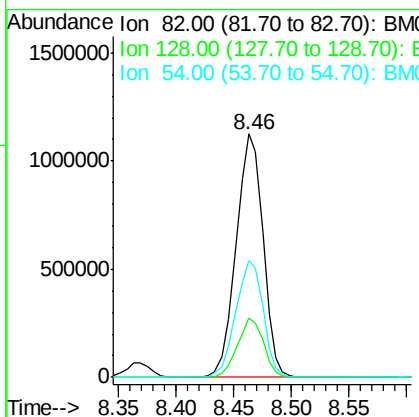
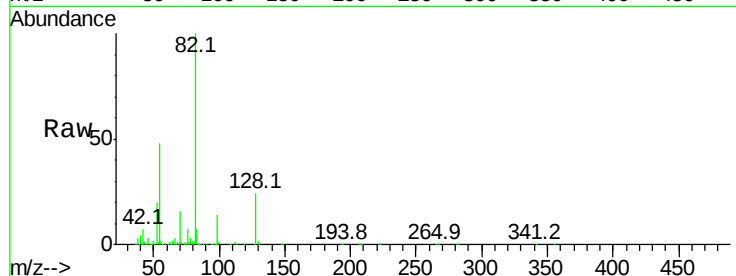
#23
 Nitrobenzene-d5
 Concen: 102.099 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	24.1	32.8	49.2#
54	47.8	40.6	60.8

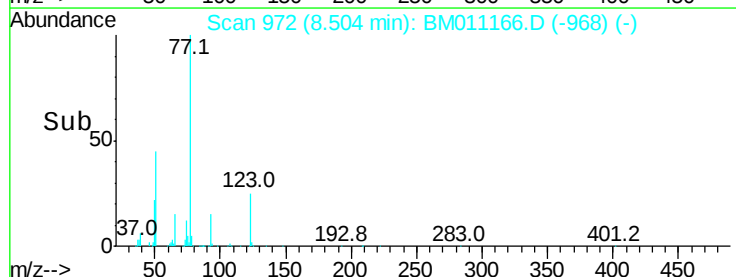
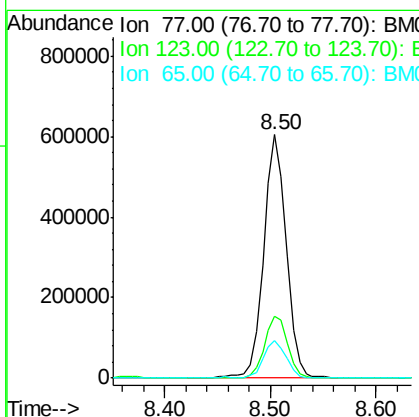
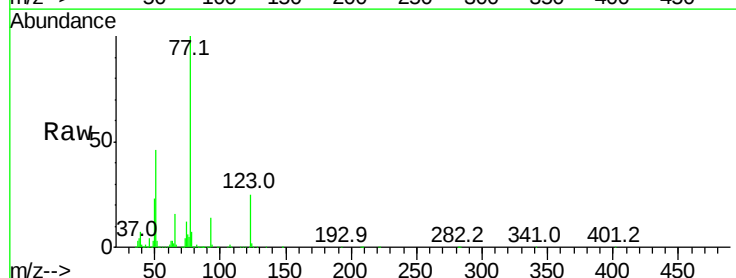
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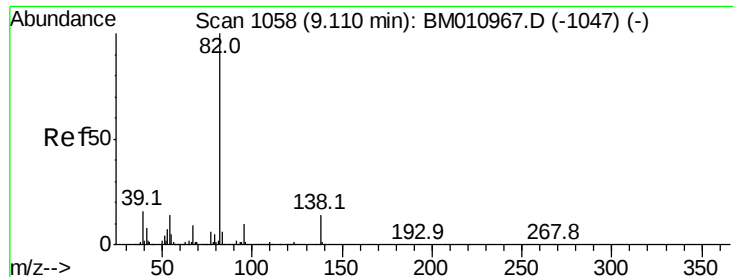
Sohil
 8/10/2017 6:13:04 PM



#24
 Nitrobenzene
 Concen: 48.253 ng
 RT: 8.50 min Scan# 972
 Delta R.T. -0.08 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	25.3	32.6	49.0#
65	15.6	10.9	16.3





#25

Isophorone

Concen: 54.140 ng

RT: 9.03 min Scan# 1061

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion: 82 Resp: 1609056

Ion Ratio Lower Upper

82 100

95 10.3 5.8 8.6#

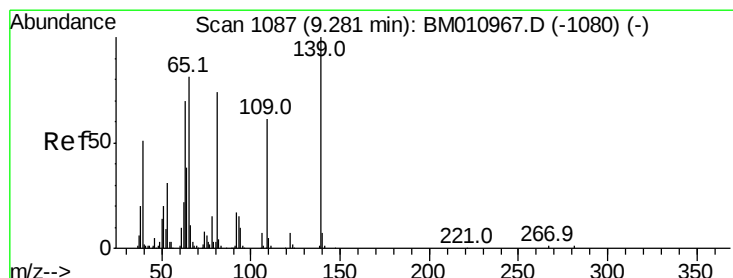
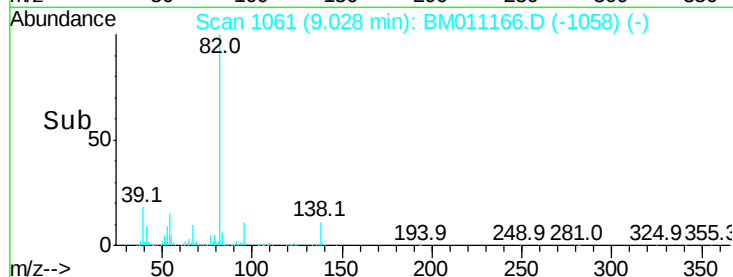
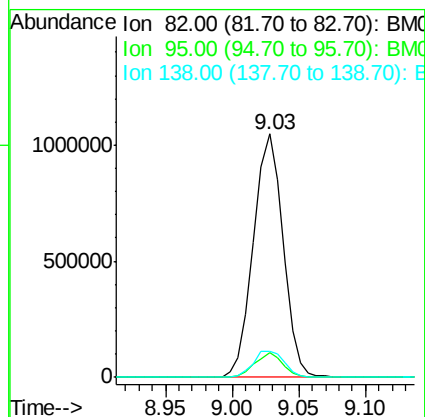
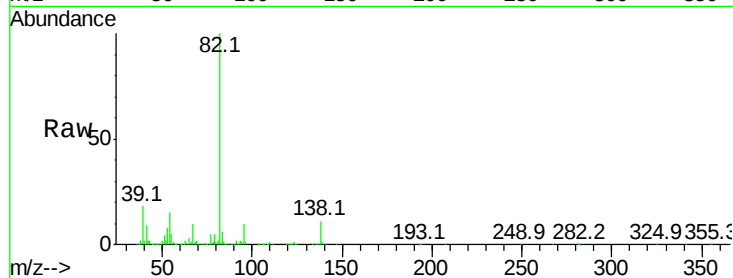
138 10.8 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.925 ng

RT: 9.20 min Scan# 1091

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

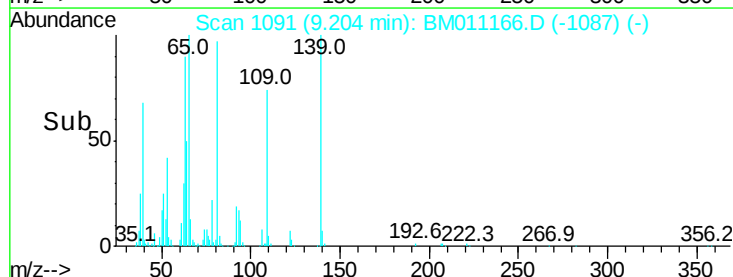
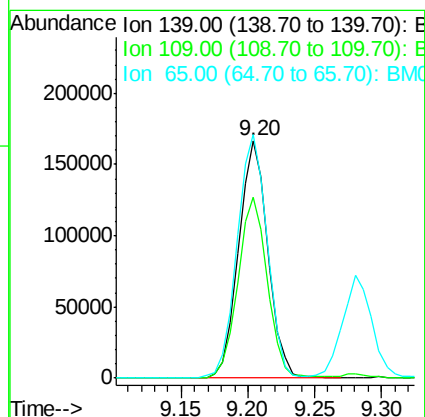
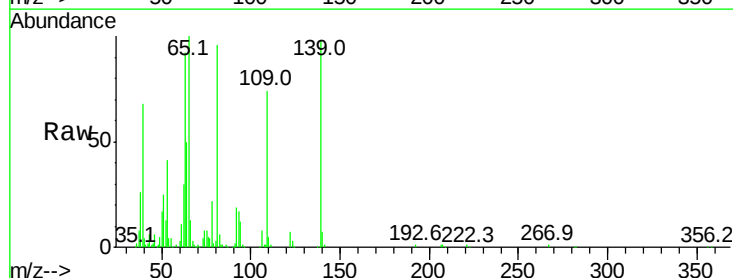
Tgt Ion: 139 Resp: 252279

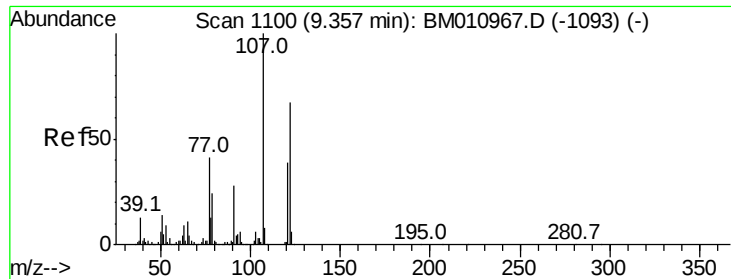
Ion Ratio Lower Upper

139 100

109 76.1 20.1 30.1#

65 102.5 31.5 47.3#





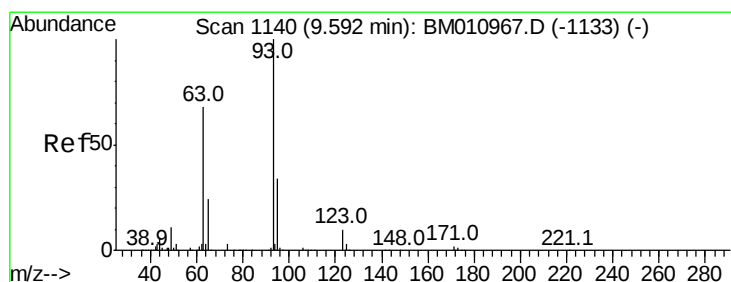
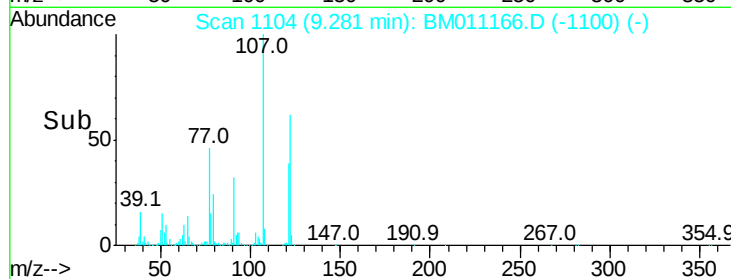
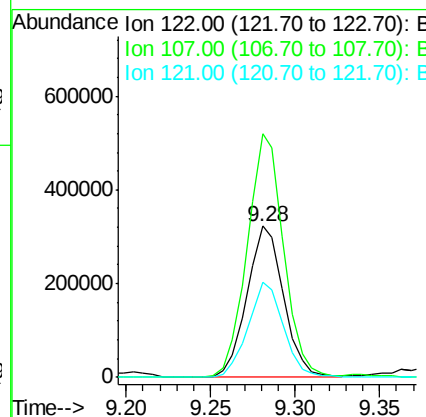
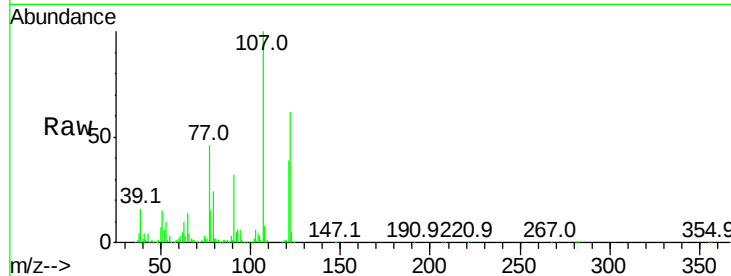
#27
2,4-Dimethylphenol
Concen: 47.119 ng
RT: 9.28 min Scan# 1104
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	487504		
107	161.1	84.7	127.1#	
121	63.0	46.6	69.8	

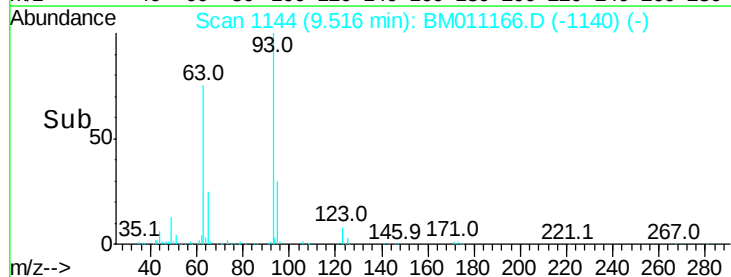
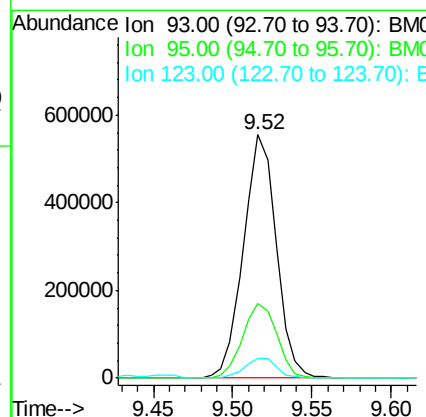
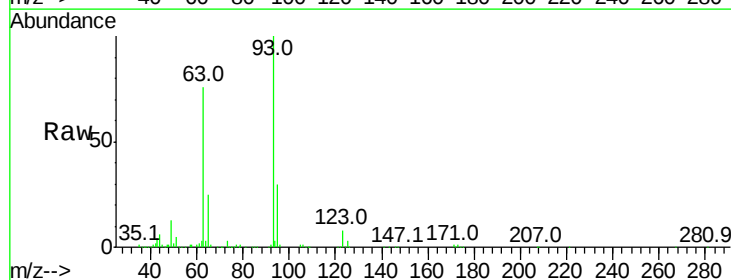
Manual Integrations
APPROVED

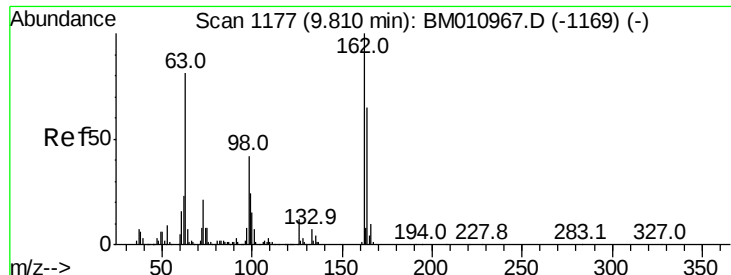
Sohil
8/10/2017 6:13:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.285 ng
RT: 9.52 min Scan# 1144
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	800382		
95	30.5	25.5	38.3	
123	8.2	8.6	13.0#	





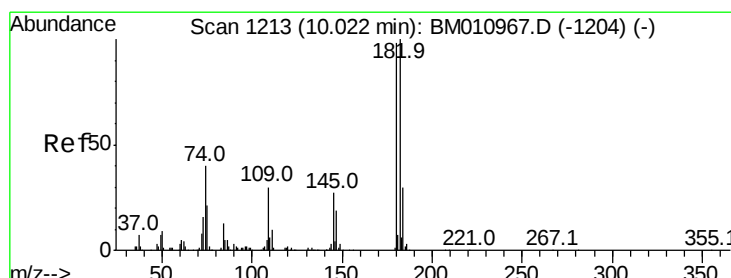
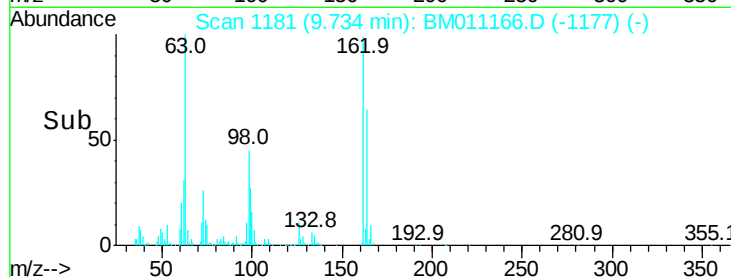
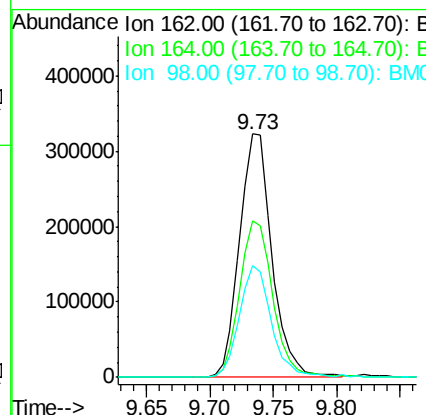
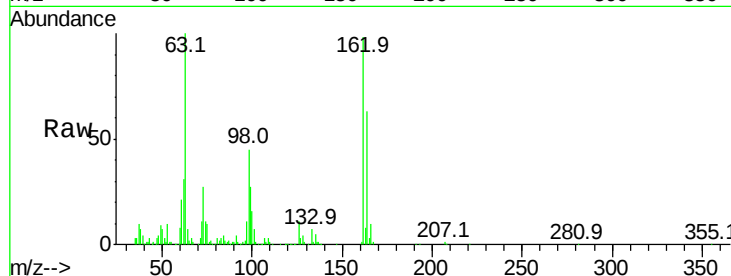
#29
2,4-Dichlorophenol
Concen: 49.480 ng
RT: 9.73 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	575255		
164	64.2	42.8	82.8	
98	45.7	14.5	54.5	

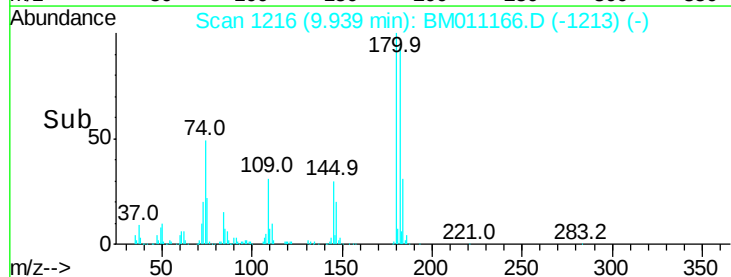
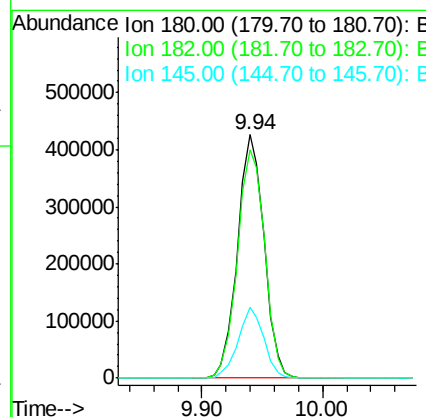
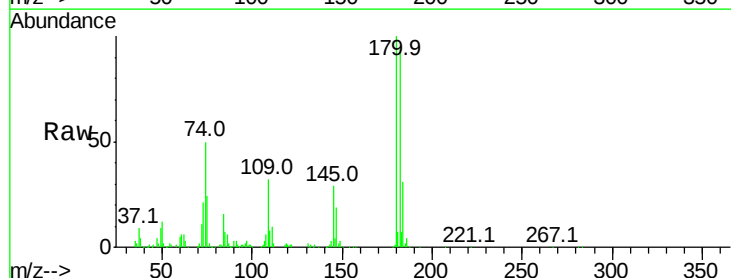
Manual Integrations
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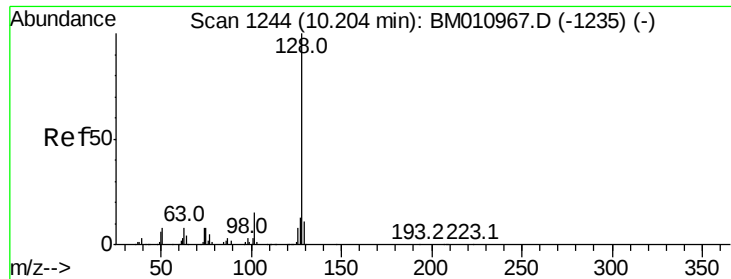
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.557 ng
RT: 9.94 min Scan# 1216
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	654879		
182	93.7	77.6	116.4	
145	29.1	23.4	35.2	





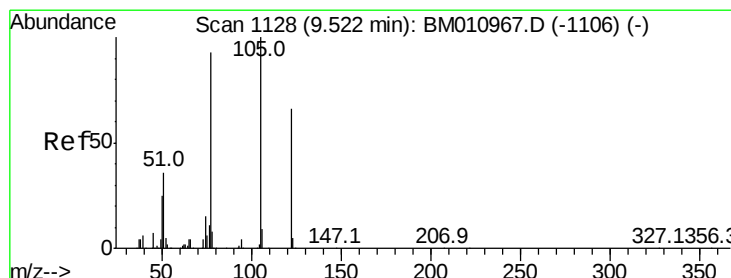
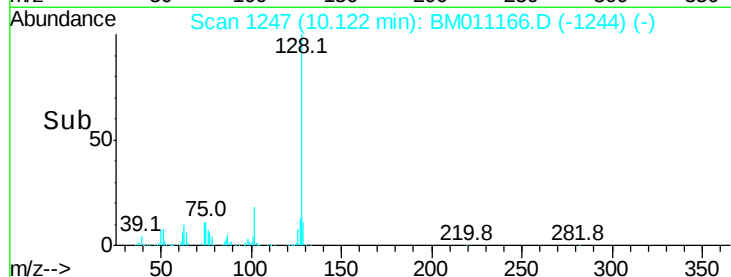
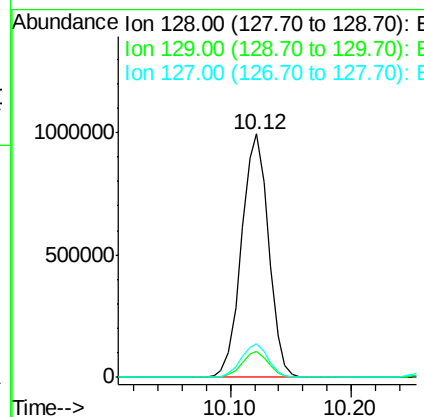
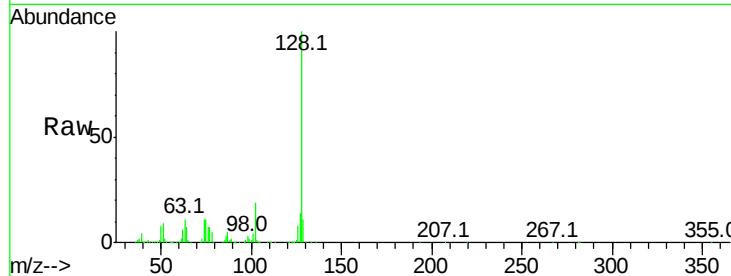
#31
Naphthalene
Concen: 46.300 ng
RT: 10.12 min Scan# 1247
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	13.7	10.4	15.6

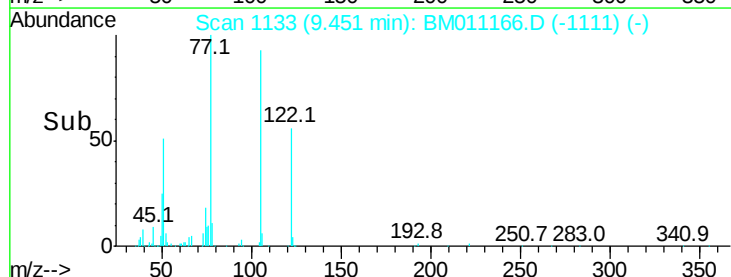
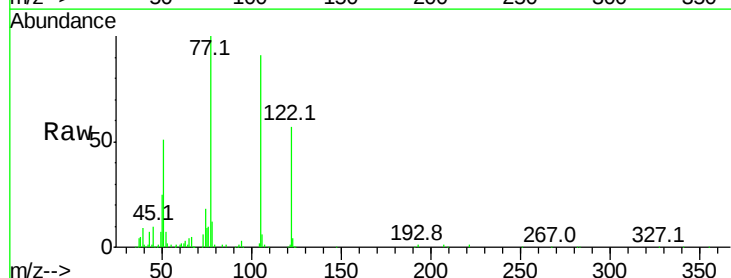
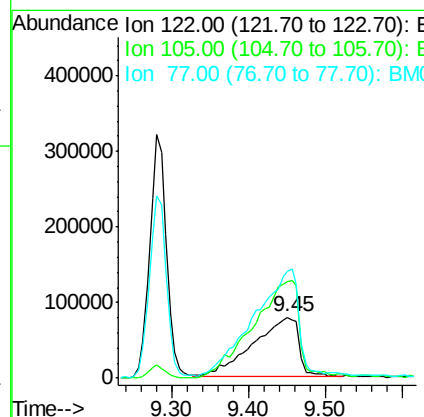
Manual Integrations
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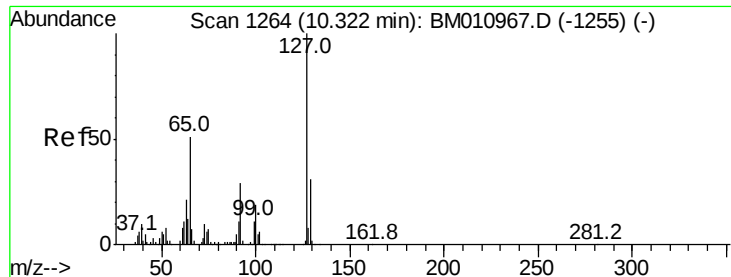
Sohil
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#32
Benzoic acid
Concen: 39.396 ng
RT: 9.45 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	158.7	99.9	139.9#
77	174.8	73.7	113.7#





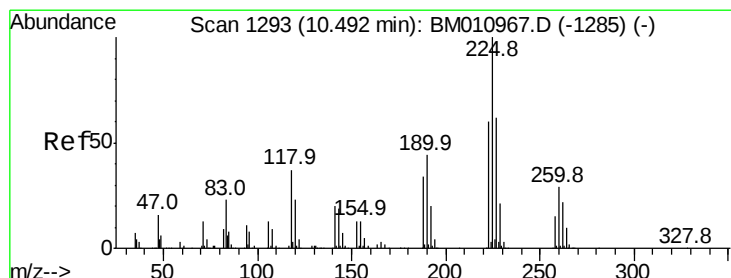
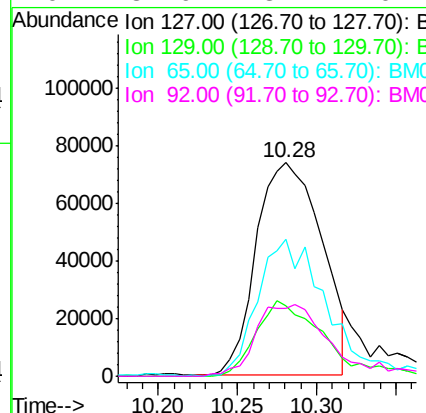
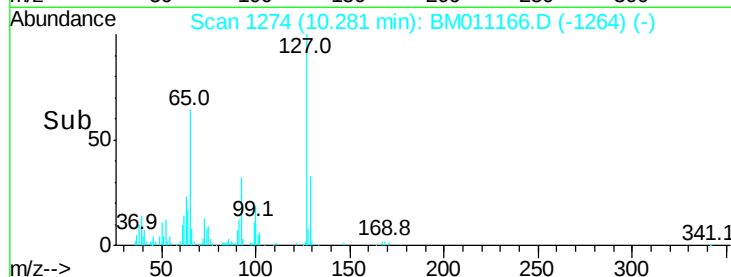
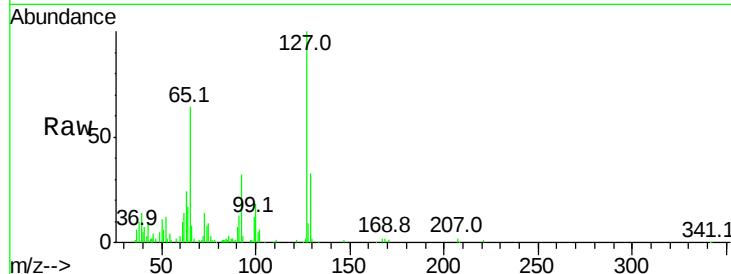
#33
4-Chloroaniline
Concen: 15.831 ng
RT: 10.28 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.3	37.9	
65	64.3	17.6	26.4	
92	31.9	13.1	19.7	

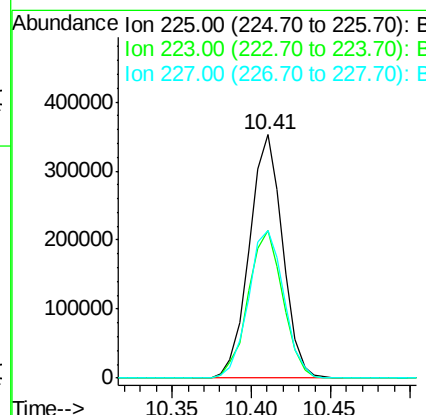
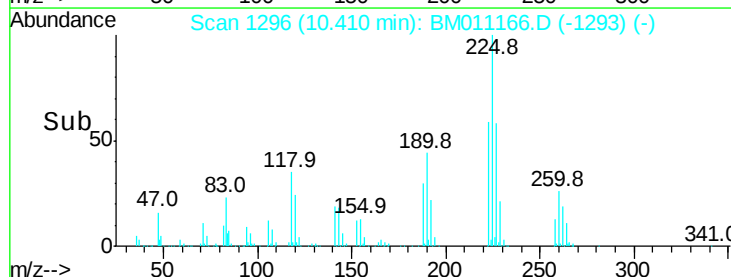
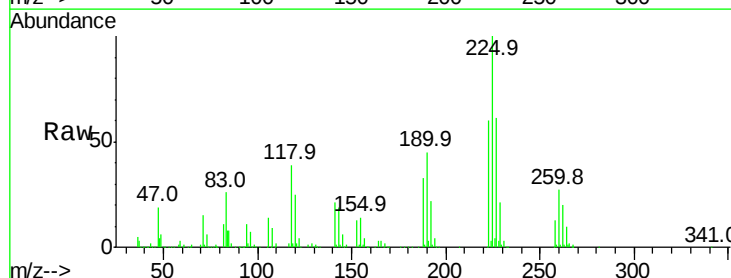
Manual Integrations
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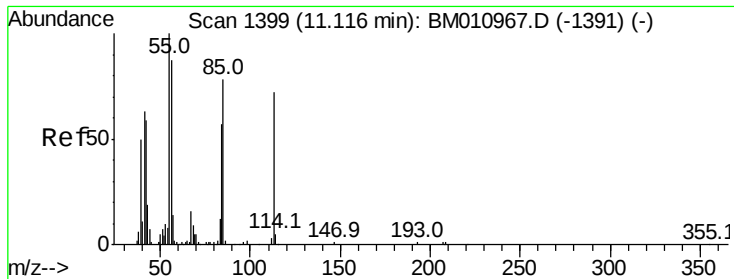
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#34
Hexachlorobutadiene
Concen: 45.377 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	47.9	71.9	
227	60.5	50.1	75.1	





#35

Caprolactam

Concen: 51.002 ng/mL

RT: 11.06 min Scan# 1406

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

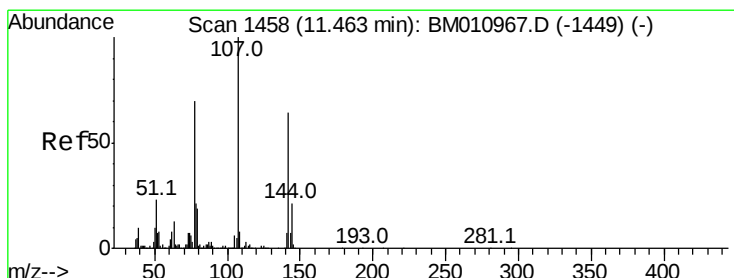
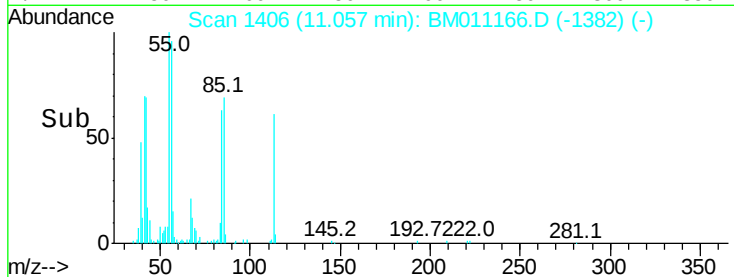
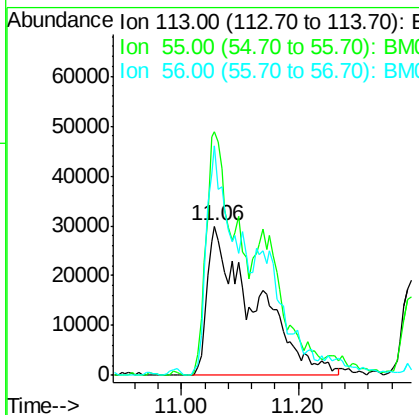
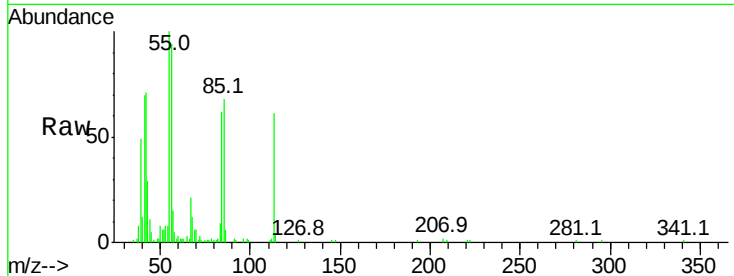
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.4	145.9	185.9
56	154.1	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 55.844 ng/mL

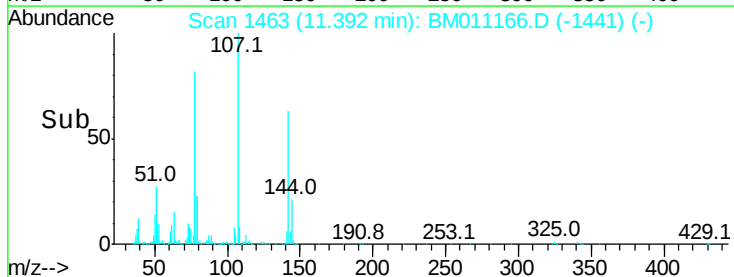
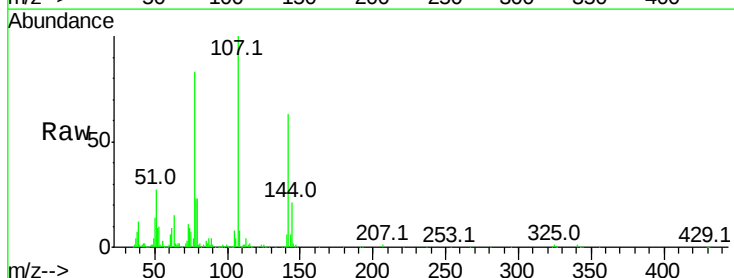
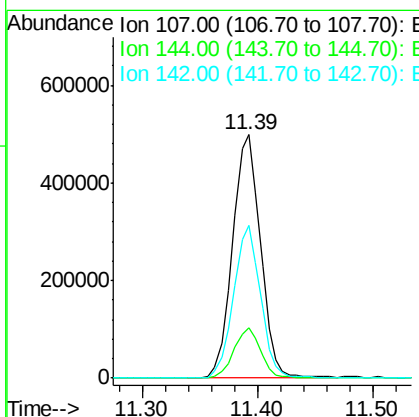
RT: 11.39 min Scan# 1463

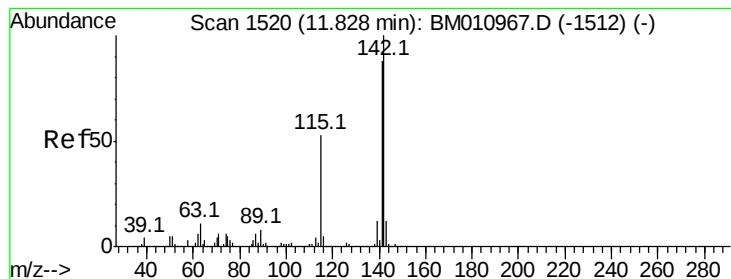
Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.8	23.3	34.9
142	62.7	72.6	109.0





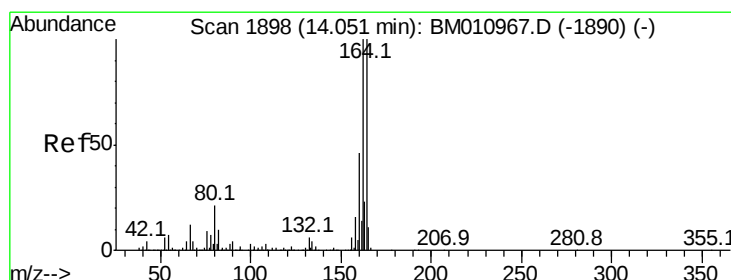
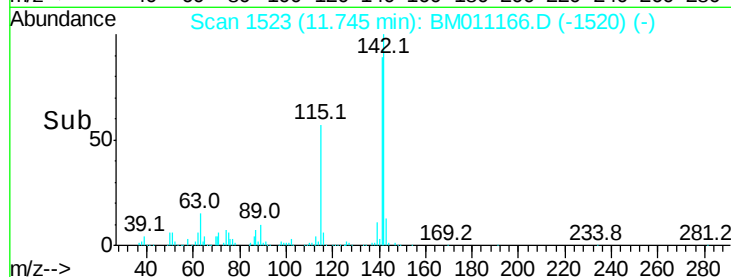
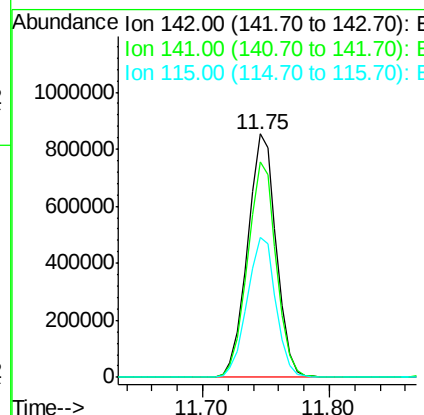
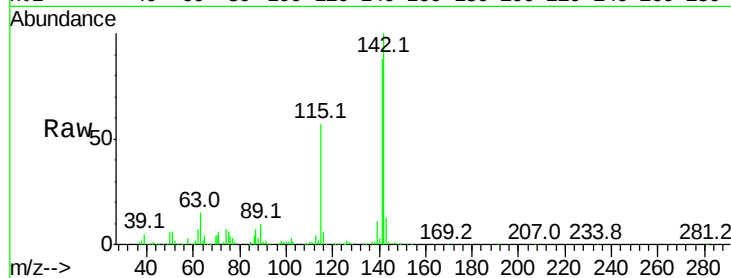
#37
2-Methylnaphthalene
Concen: 54.166 ng
RT: 11.75 min Scan# 1523
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	57.4	25.4	38.0

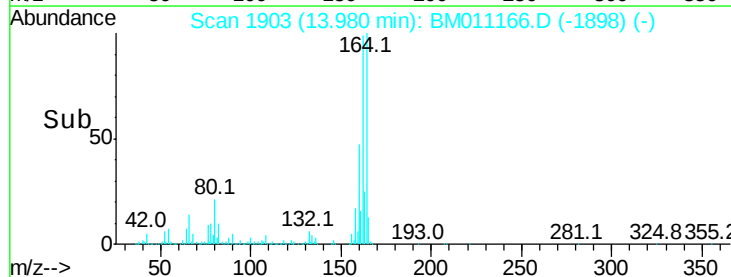
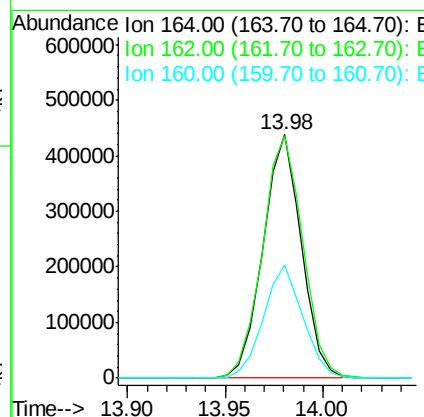
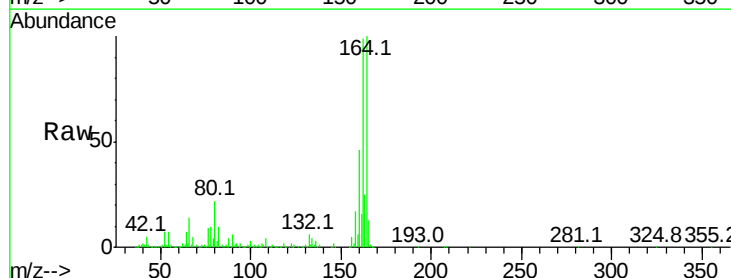
Manual Integrations
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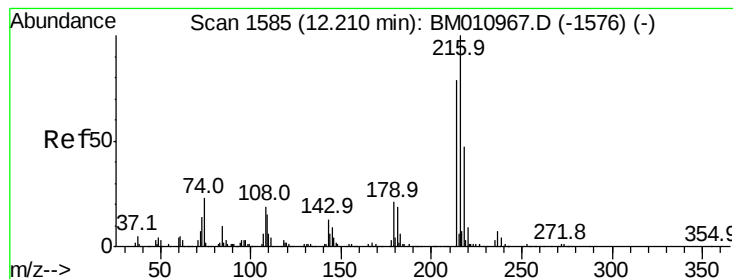
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.4	123.6
160	46.3	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.775 ng

RT: 12.13 min Scan# 1589

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:216 Resp: 1015737

Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

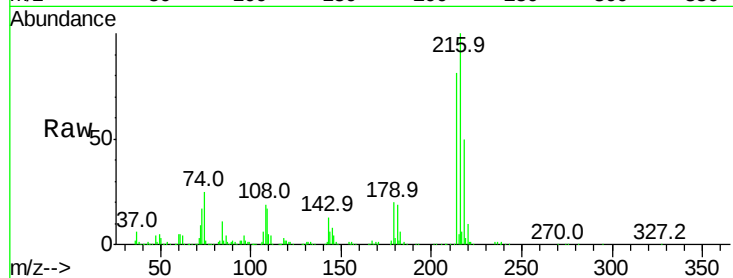
179 20.1 0.0 0.0#

108 20.1 0.0 0.0#

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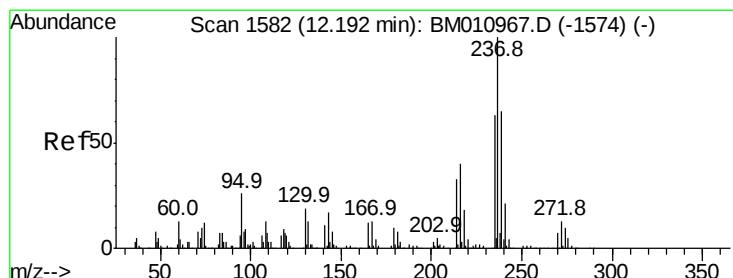
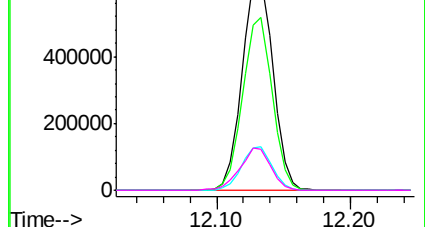
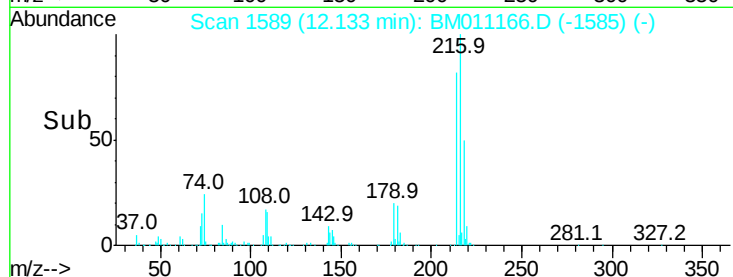


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 15.508 ng

RT: 12.11 min Scan# 1585

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

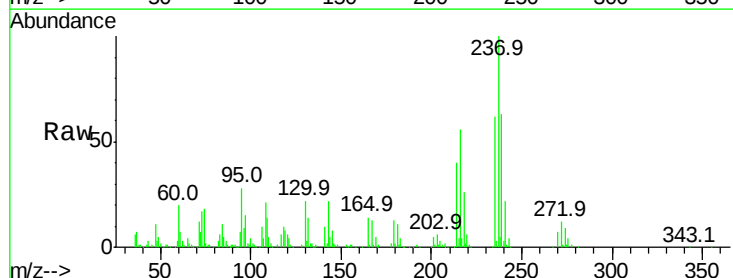
Tgt Ion:237 Resp: 230770

Ion Ratio Lower Upper

237 100

235 61.6 42.0 82.0

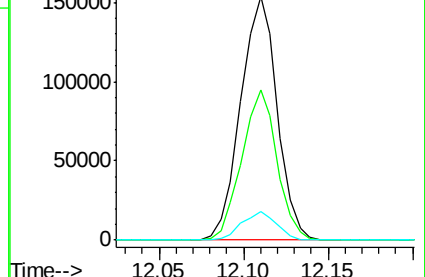
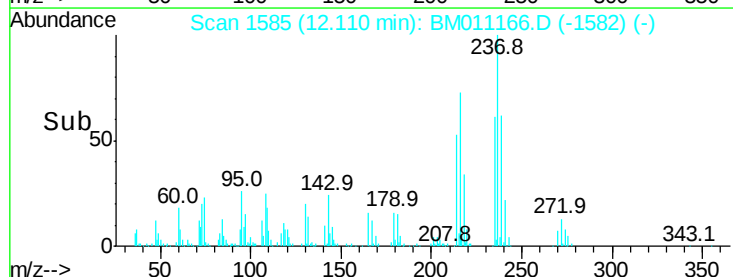
272 11.7 0.0 33.4

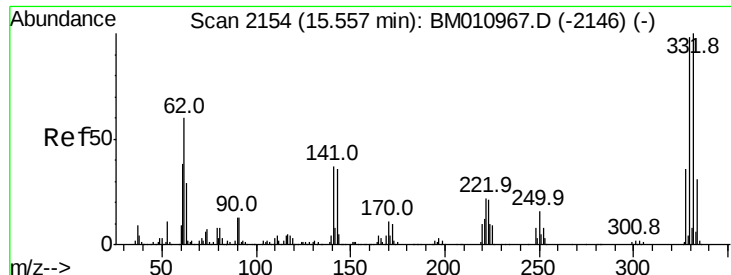


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 178.669 ng

RT: 15.49 min Scan# 2160

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:330 Resp: 1702169

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

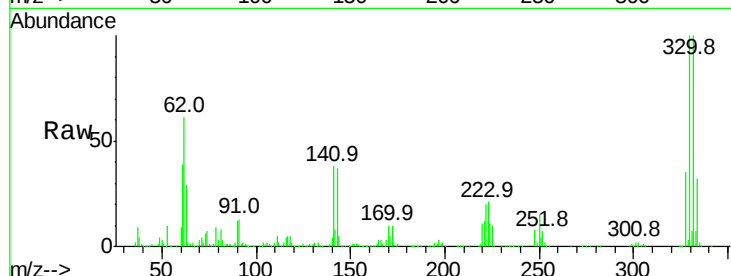
141 42.9 0.0 0.0#

Manual Integrations

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Sohil

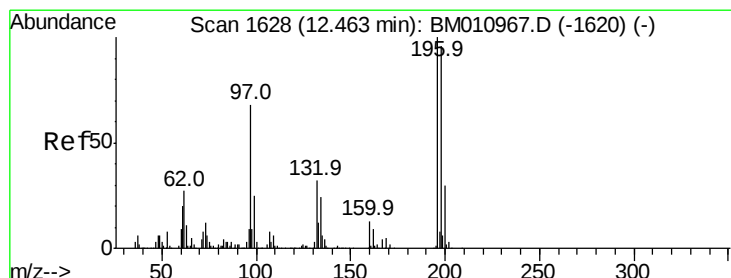
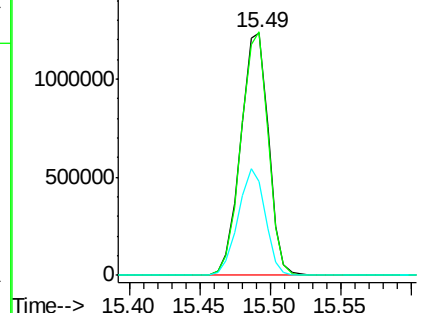
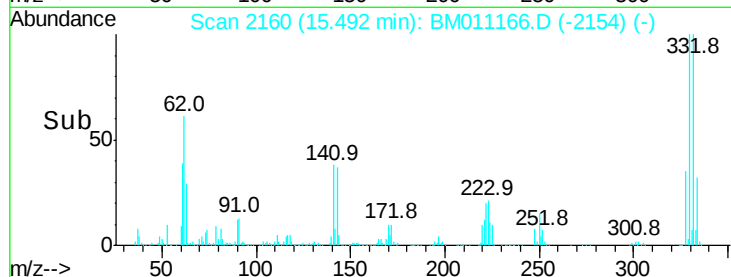
8/10/2017 6:13:04 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.424 ng

RT: 12.39 min Scan# 1632

Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

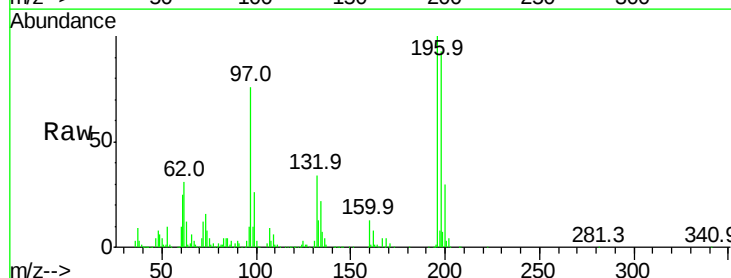
Tgt Ion:196 Resp: 702106

Ion Ratio Lower Upper

196 100

198 92.6 76.3 114.5

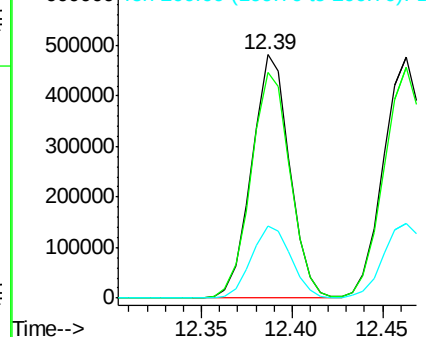
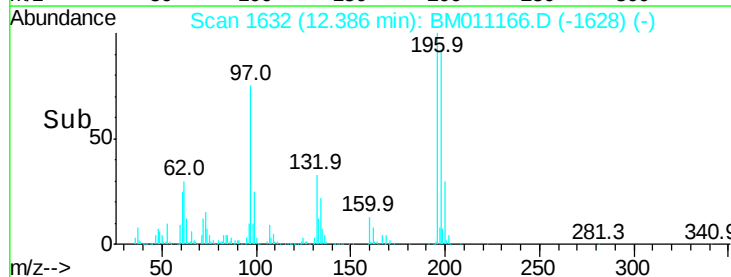
200 29.5 25.6 38.4

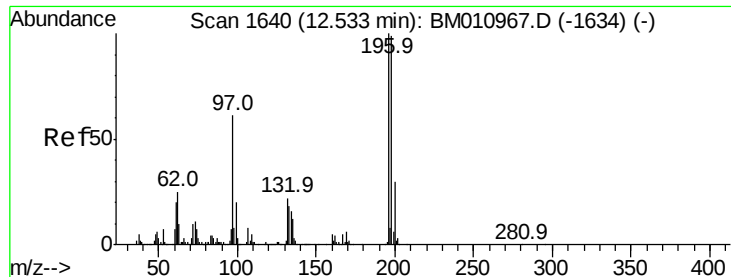


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





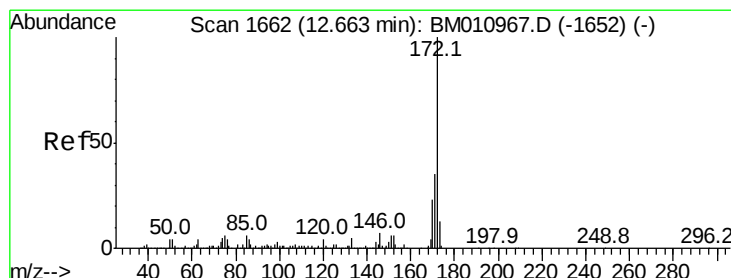
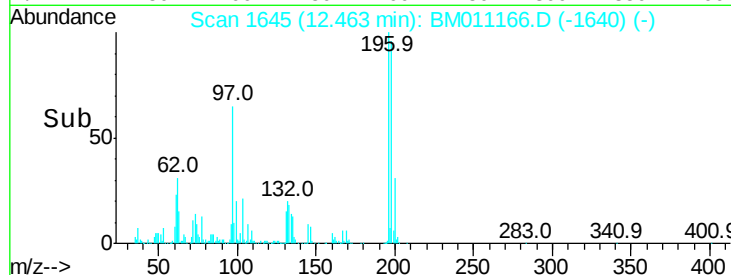
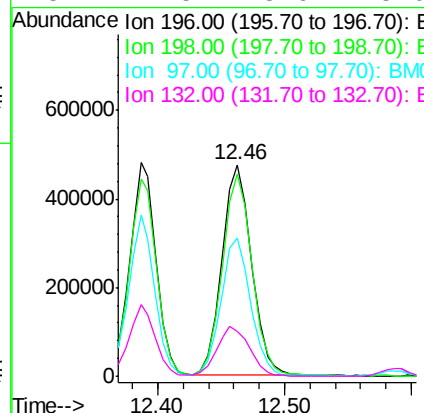
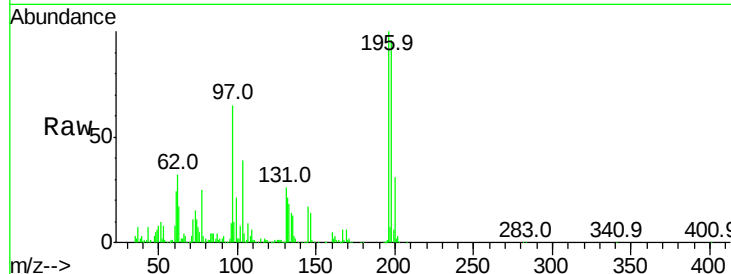
#43
2,4,5-Trichlorophenol
Concen: 48.612 ng
RT: 12.46 min Scan# 1645
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	79.4	119.0	
97	65.2	26.8	40.2	
132	21.5	18.6	28.0	

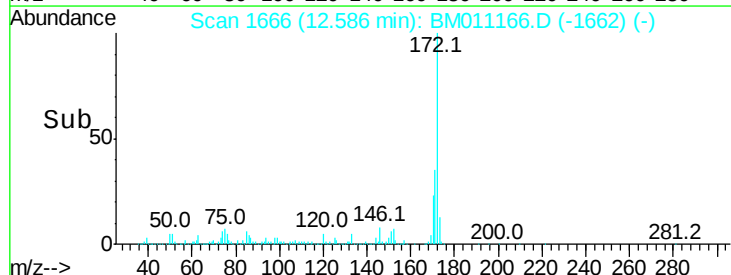
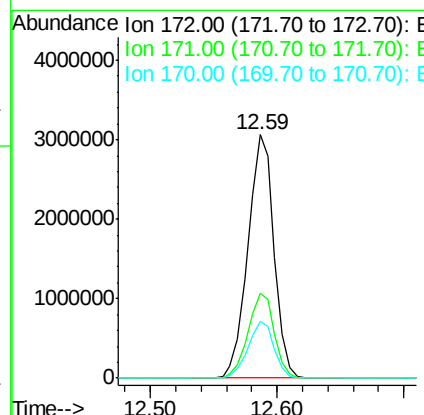
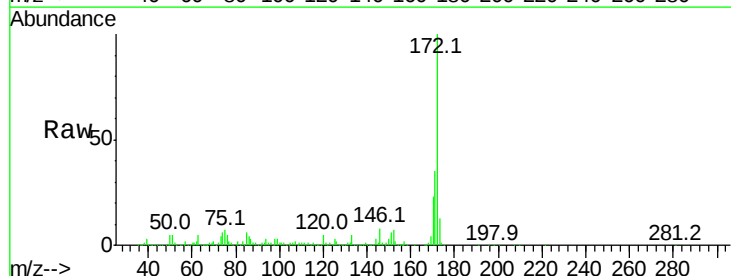
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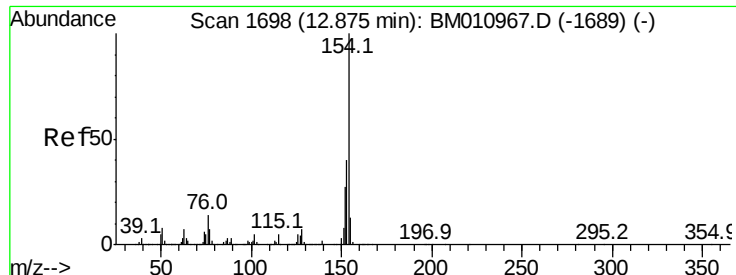
Sohil
8/10/2017 6:13:04 PM



#44
2-Fluorobiphenyl
Concen: 91.747 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	28.5	42.7	
170	23.3	18.8	28.2	





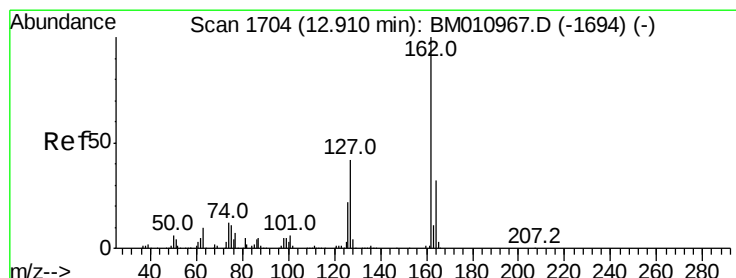
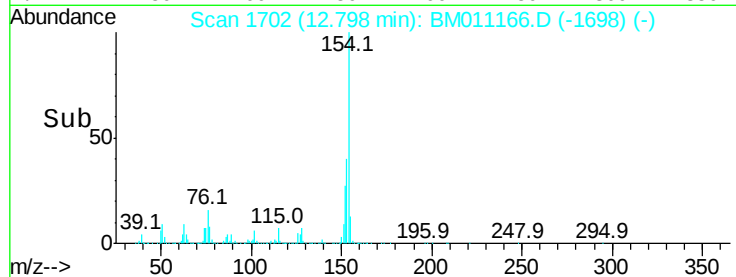
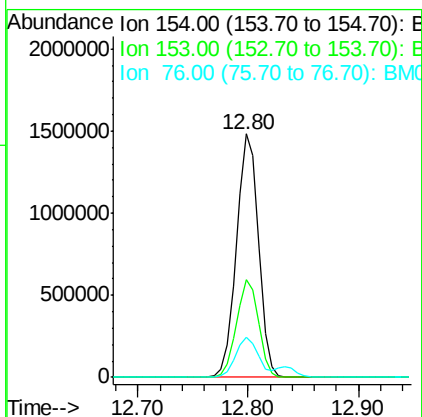
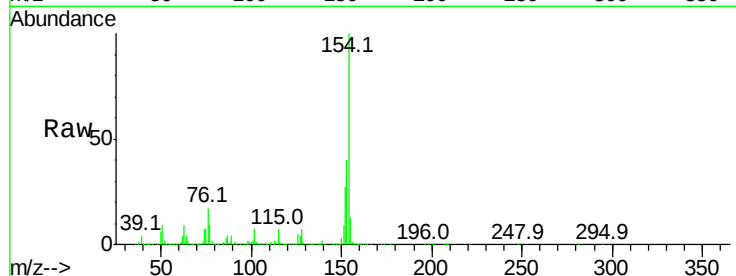
#45
 1,1'-Biphenyl
 Concen: 40.544 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.08 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	16.7	0.0	30.9

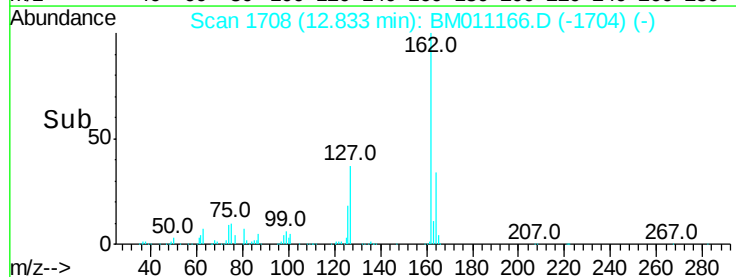
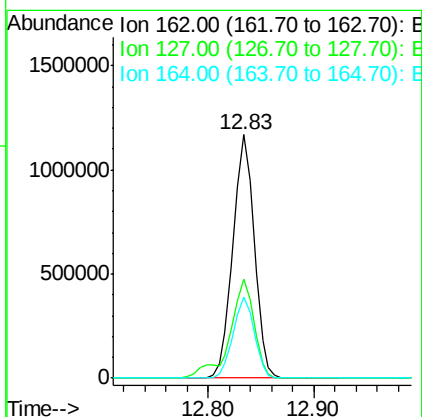
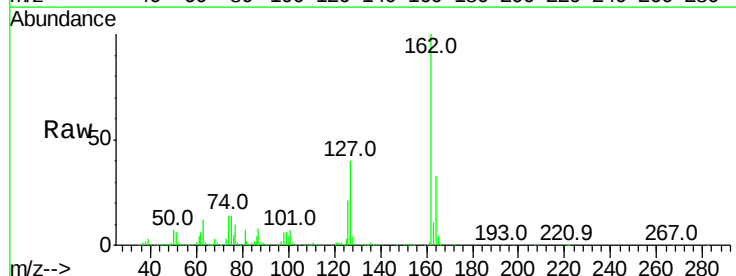
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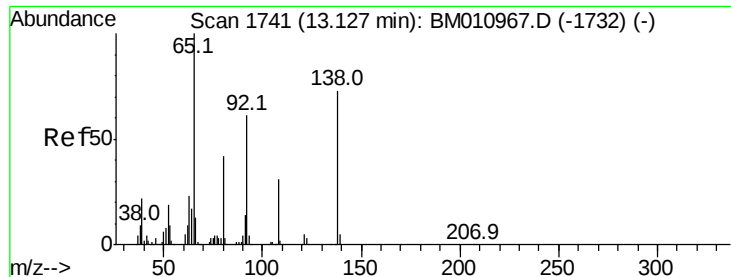
Sohil
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#46
 2-Chloronaphthalene
 Concen: 43.078 ng
 RT: 12.83 min Scan# 1708
 Delta R.T. -0.08 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	26.9	40.3#
164	33.4	26.8	40.2





#47

2-Nitroaniline

Concen: 57.950 ng

RT: 13.06 min Scan# 1746

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion: 65 Resp: 776345
Ion Ratio Lower Upper

65 100

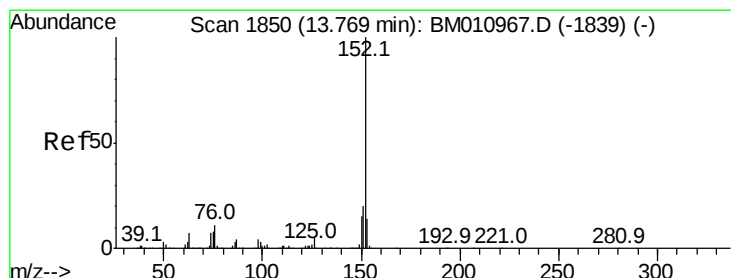
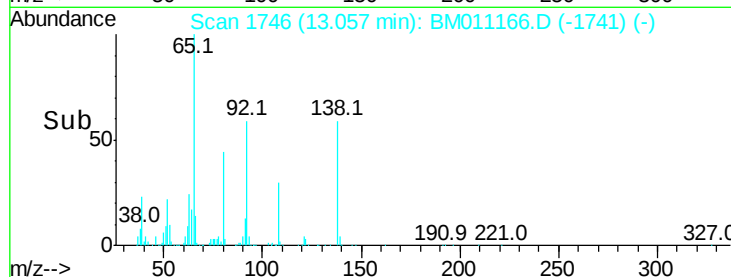
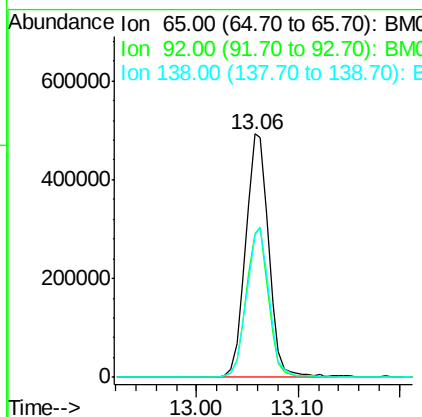
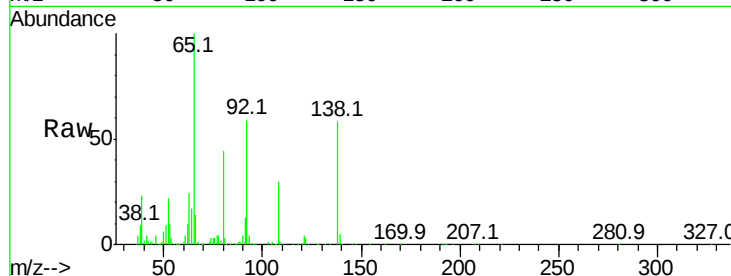
92 58.8 59.1 88.7#

138 58.4 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 46.974 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.08 min

Lab File: BM011166.D

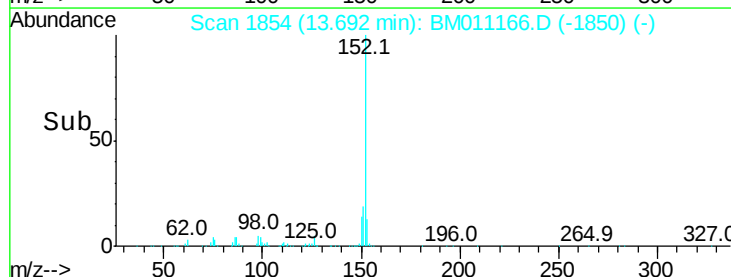
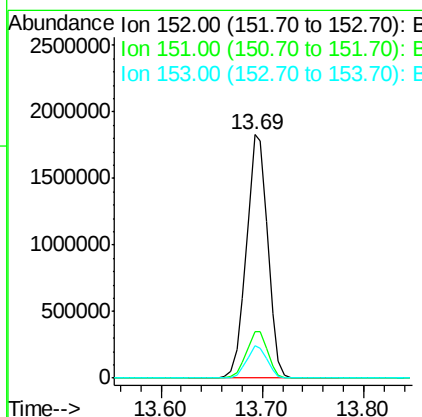
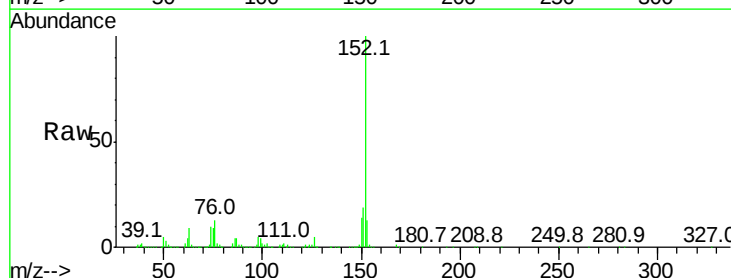
Acq: 07 Aug 2017 23:32

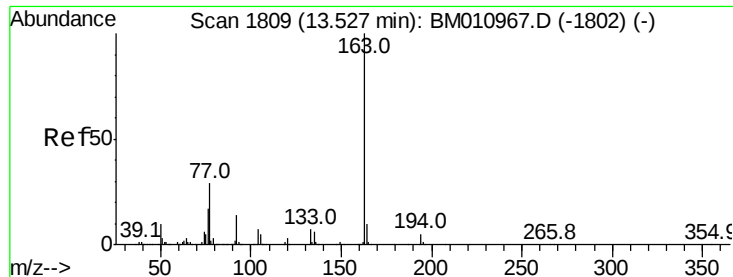
Tgt Ion:152 Resp: 2654658
Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 13.4 10.6 16.0





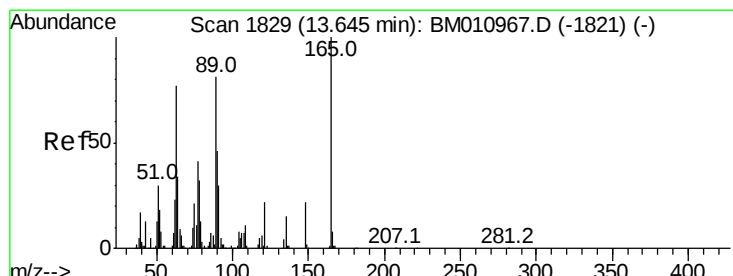
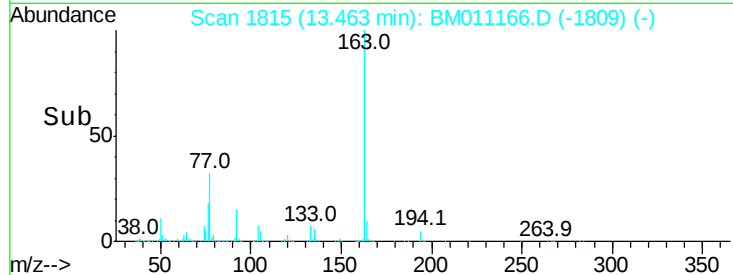
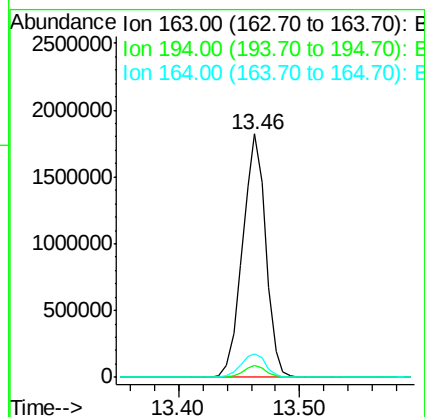
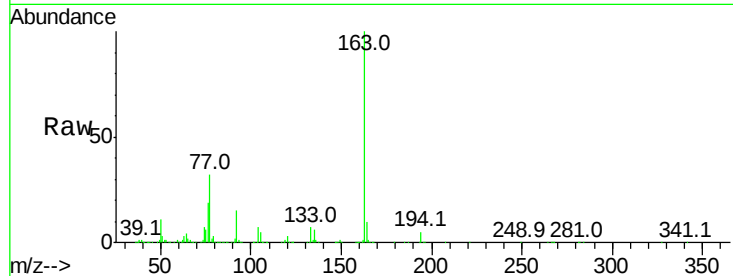
#49
Dimethylphthalate
Concen: 47.958 ng
RT: 13.46 min Scan# 1815
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.6	8.2	12.2

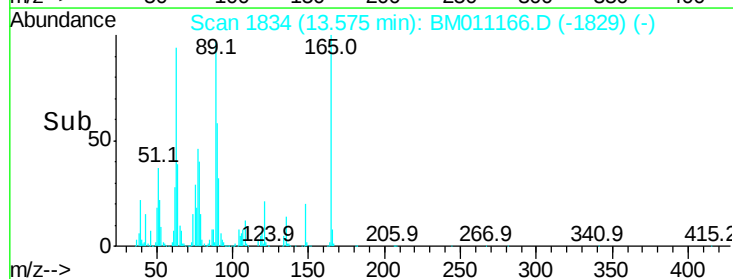
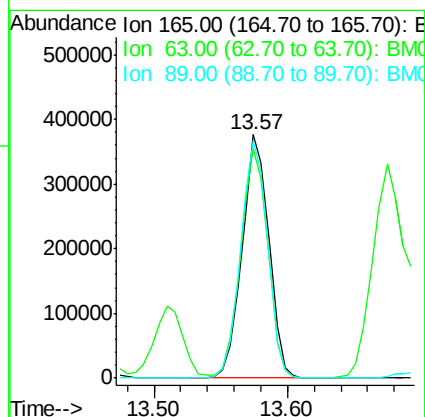
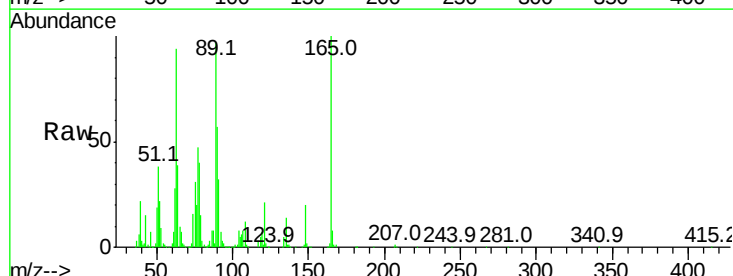
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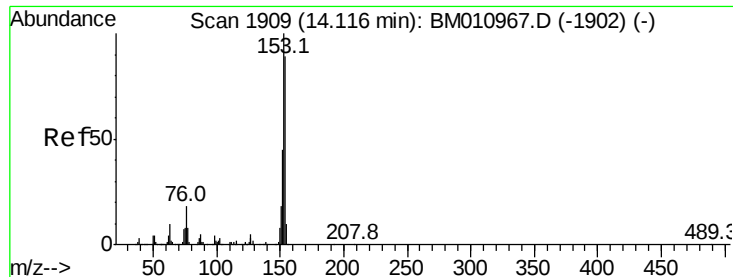
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#50
2,6-Dinitrotoluene
Concen: 50.570 ng
RT: 13.57 min Scan# 1834
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.5	44.1	66.1#
89	97.4	44.3	66.5#





#51

Acenaphthene

Concen: 46.738 ng

RT: 14.05 min Scan# 1914

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:154 Resp: 1635467

Ion Ratio Lower Upper

154 100

153 114.4 90.0 135.0

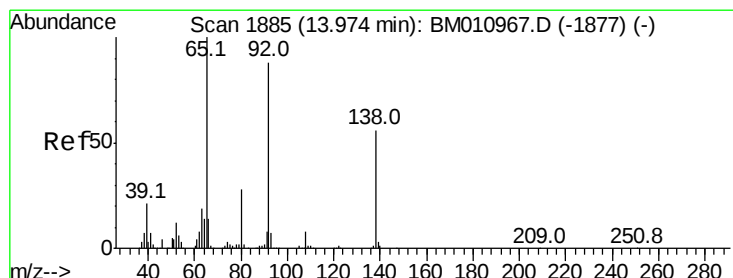
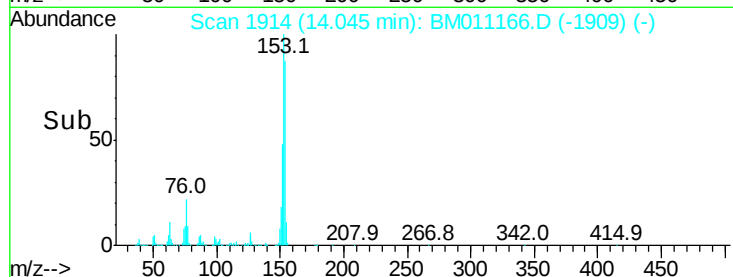
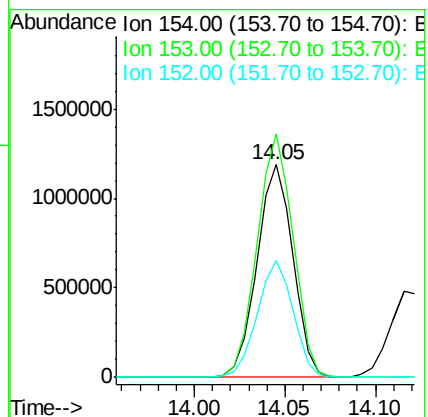
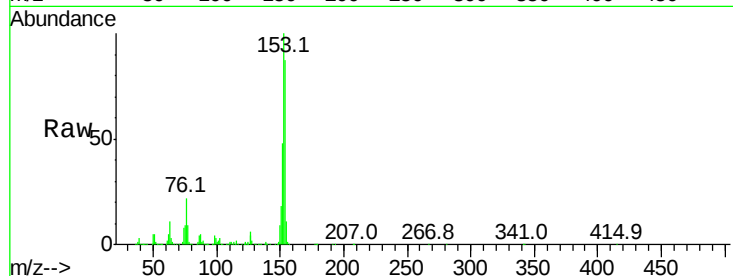
152 54.8 42.6 63.8

Manual Integrations

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#52

3-Nitroaniline

Concen: 34.985 ng

RT: 13.91 min Scan# 1891

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

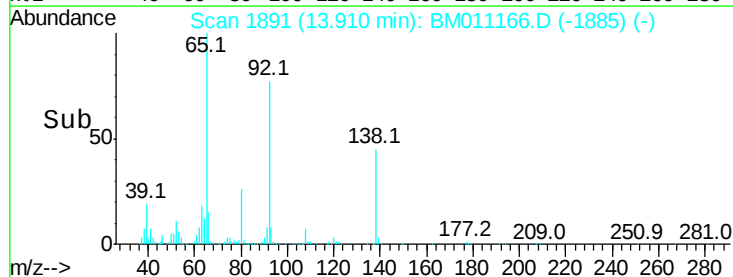
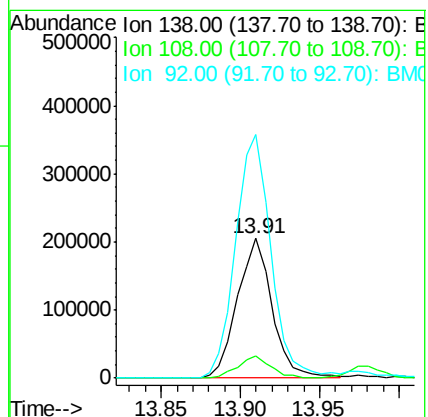
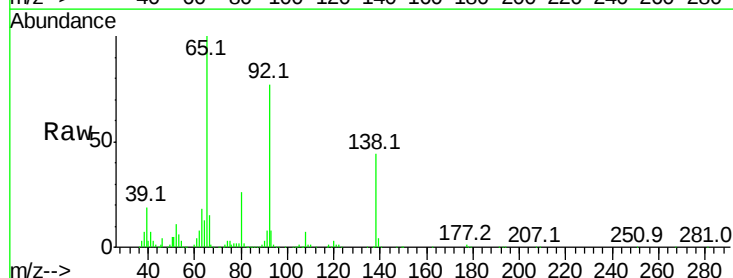
Tgt Ion:138 Resp: 312169

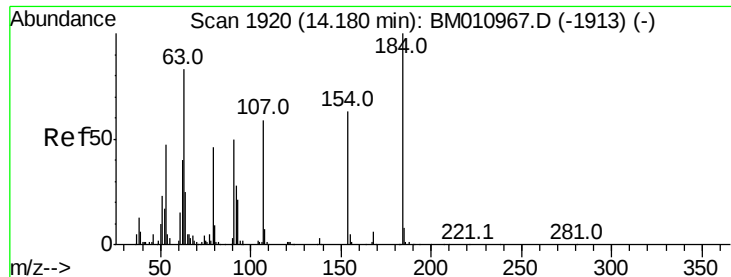
Ion Ratio Lower Upper

138 100

108 15.6 7.3 10.9#

92 174.6 76.6 114.8#





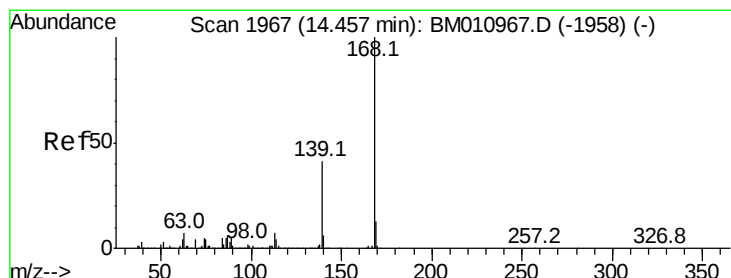
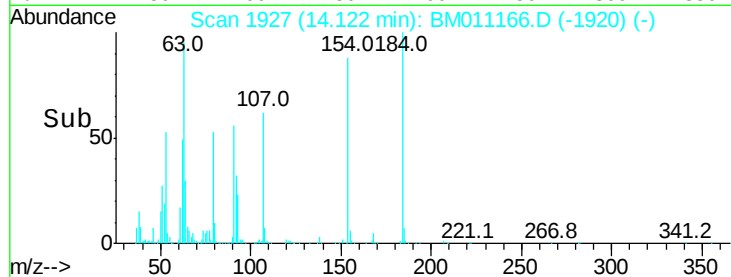
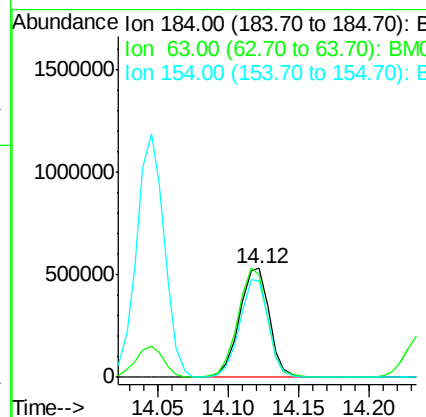
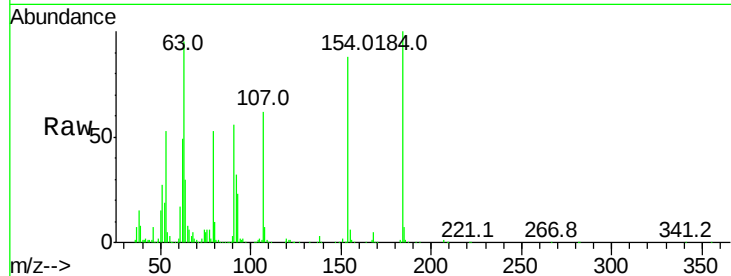
#53
2,4-Dinitrophenol
Concen: 107.757 ng
RT: 14.12 min Scan# 1927
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.9	69.2	103.8
154	88.1	53.3	79.9

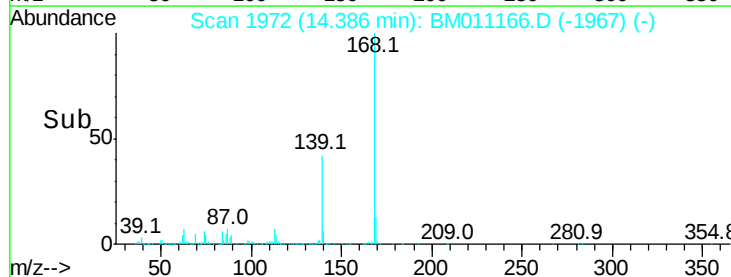
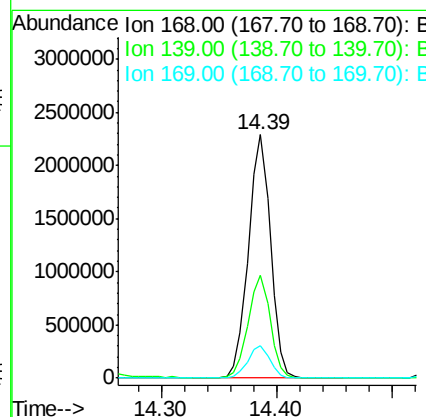
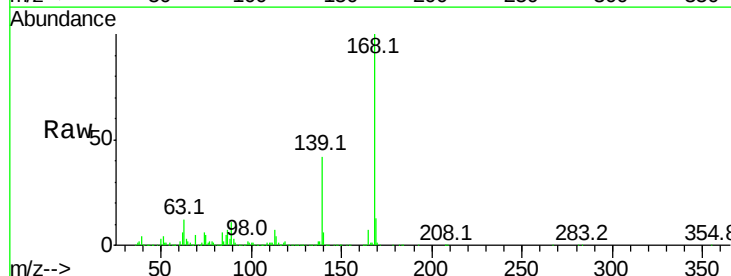
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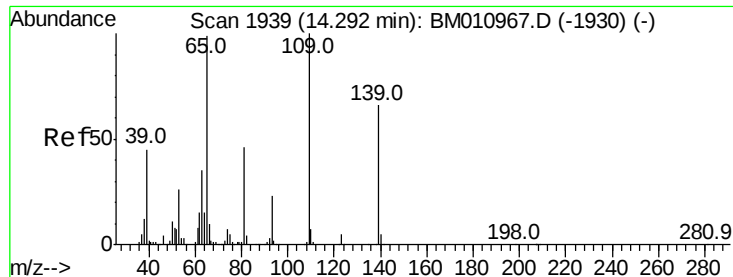
Sohil
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#54
Dibenzofuran
Concen: 53.835 ng
RT: 14.39 min Scan# 1972
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.2	27.3	40.9
169	13.1	10.6	16.0





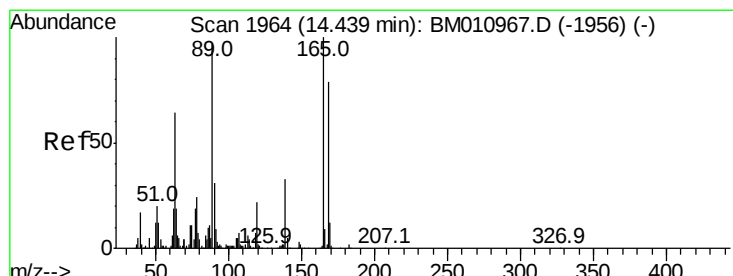
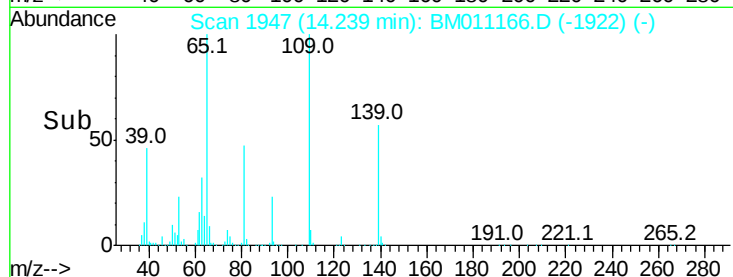
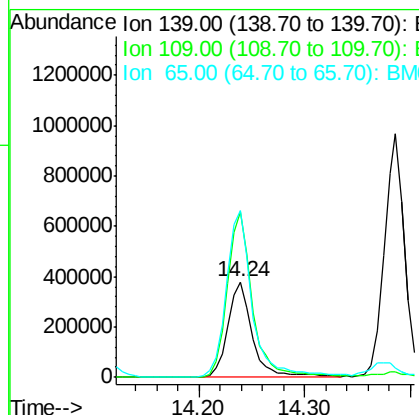
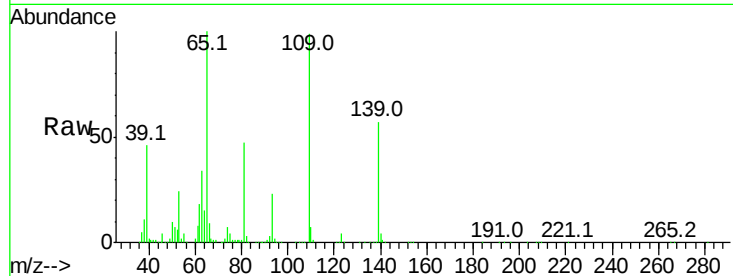
#55
4-Nitrophenol
Concen: 77.739 ng
RT: 14.24 min Scan# 1947
Delta R.T. -0.05 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	174.1	130.0	170.0#	
65	175.7	130.0	170.0#	

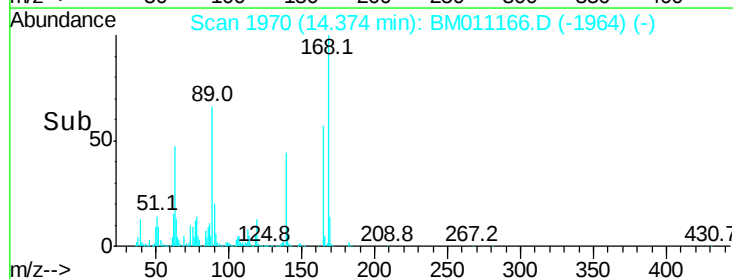
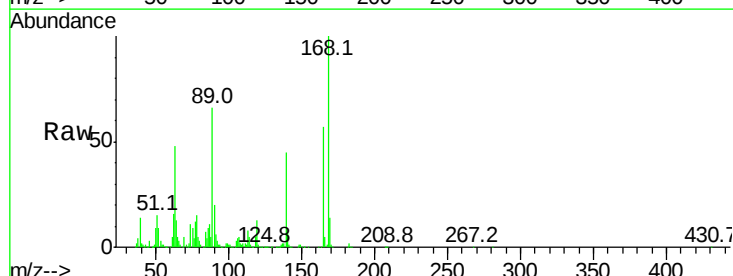
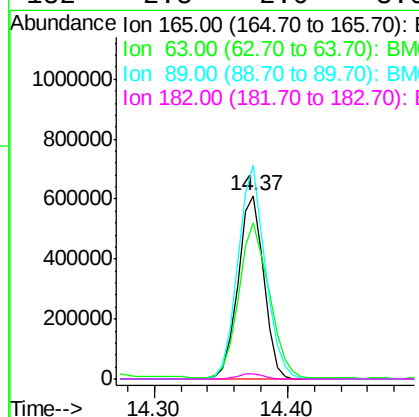
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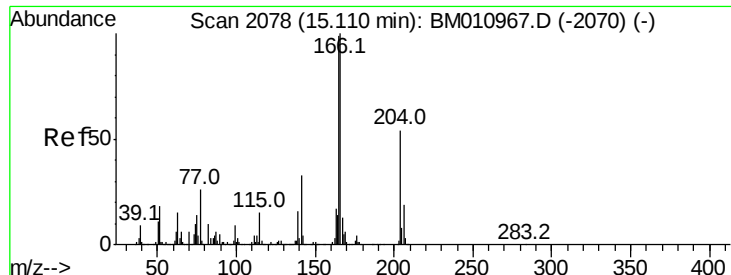
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#56
2,4-Dinitrotoluene
Concen: 56.585 ng
RT: 14.37 min Scan# 1970
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	84.9	52.4	78.6#	
89	116.4	72.4	108.6#	
182	2.8	2.0	3.0	





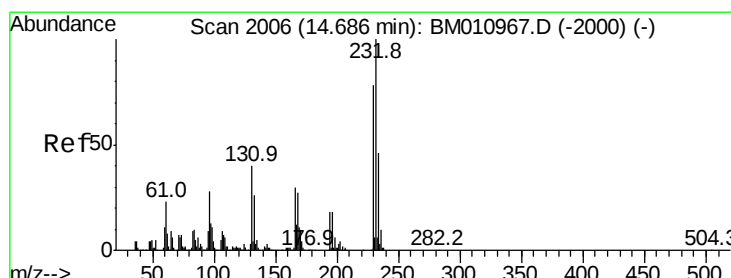
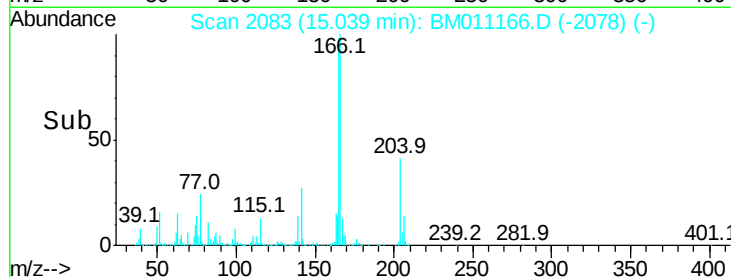
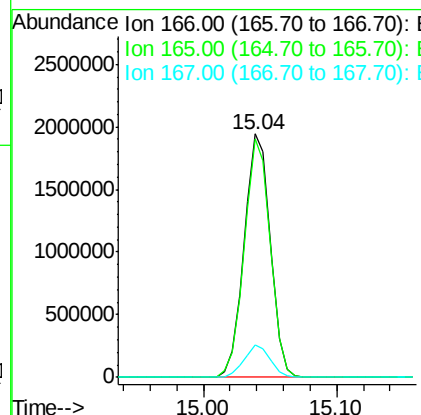
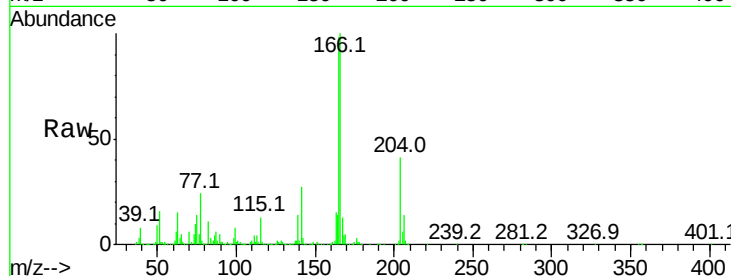
#57
Fluorene
 Concen: 52.962 ng
 RT: 15.04 min Scan# 2083
 Delta R.T. -0.07 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.4
167	13.2	10.3	15.5

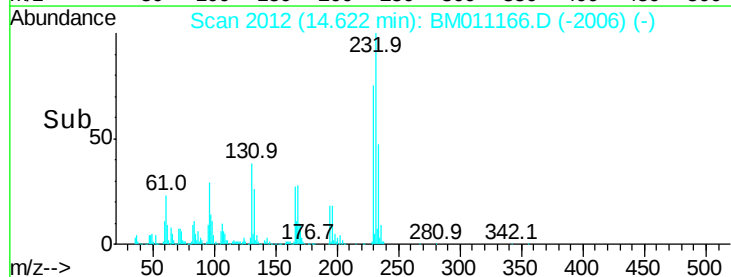
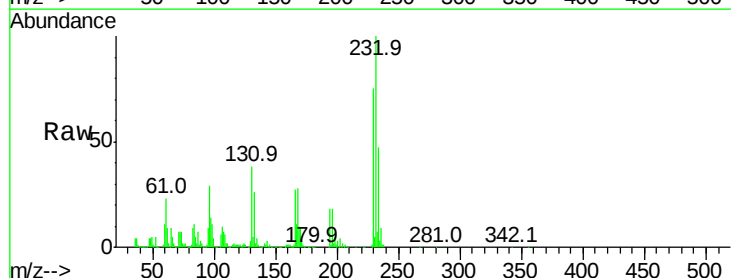
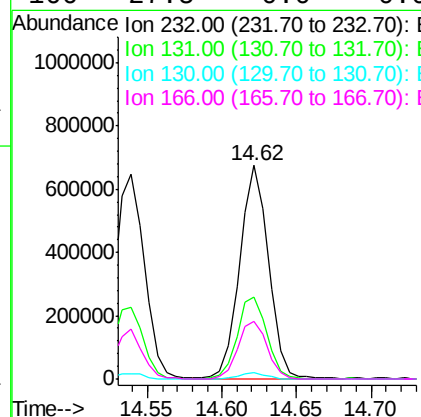
Manual Integrations
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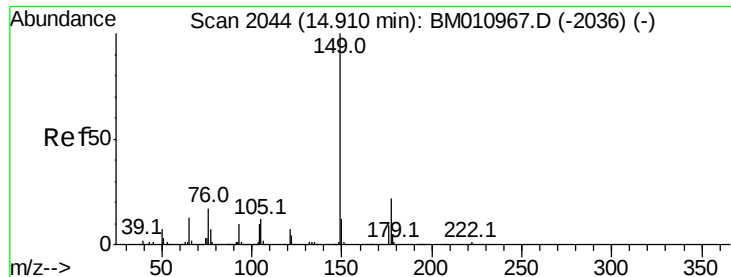
Sohil
 8/10/2017 6:13:04 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 60.861 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.06 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.9	0.0	0.0#
130	2.9	0.0	0.0#
166	27.5	0.0	0.0#





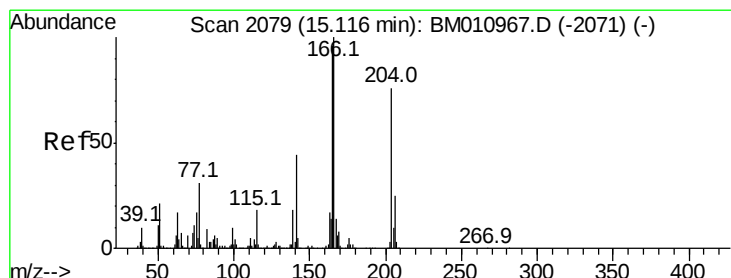
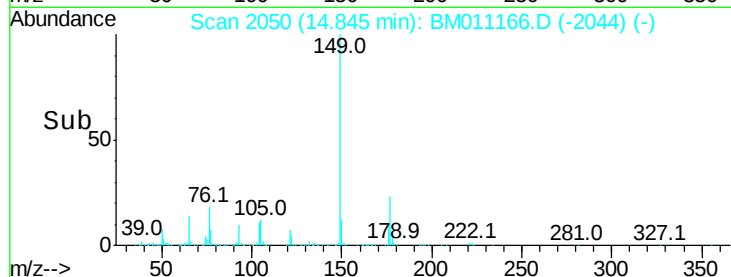
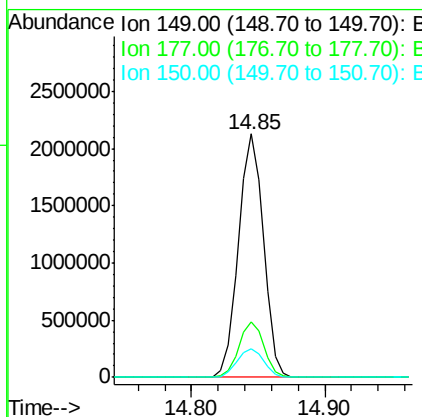
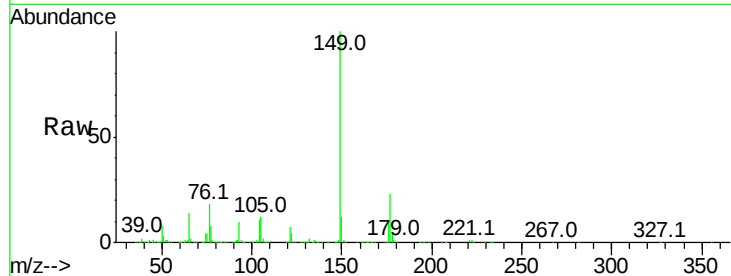
#59
Diethylphthalate
Concen: 53.110 ng
RT: 14.85 min Scan# 2050
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	12.0	9.8	14.8

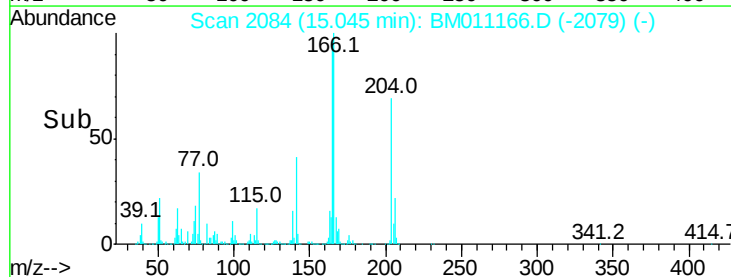
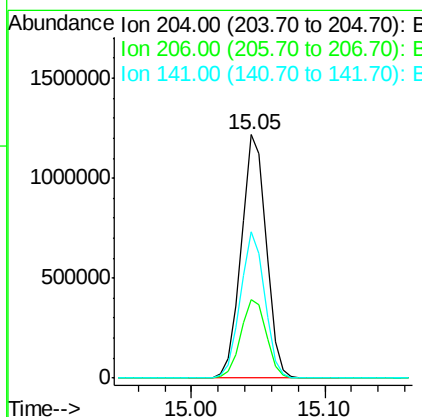
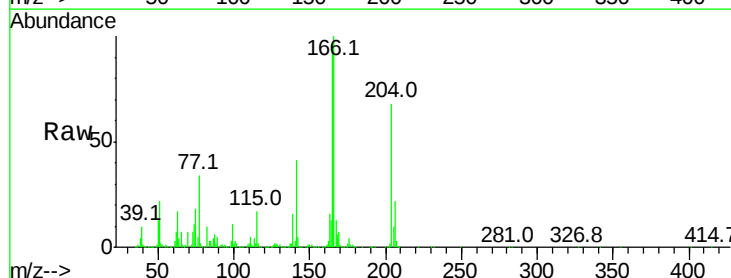
Manual Integrations
APPROVED

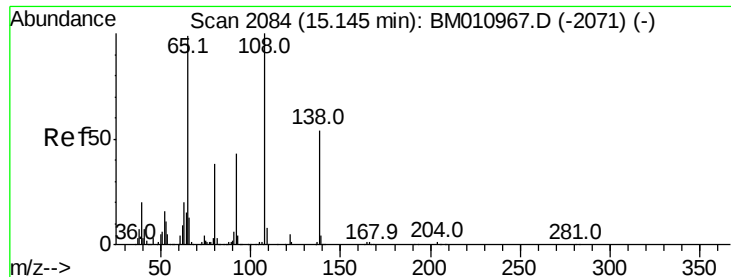
Sohil
8/10/2017 6:13:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 52.482 ng
RT: 15.05 min Scan# 2084
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	59.9	45.2	67.8





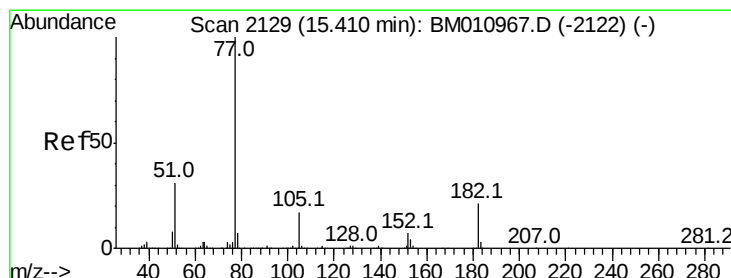
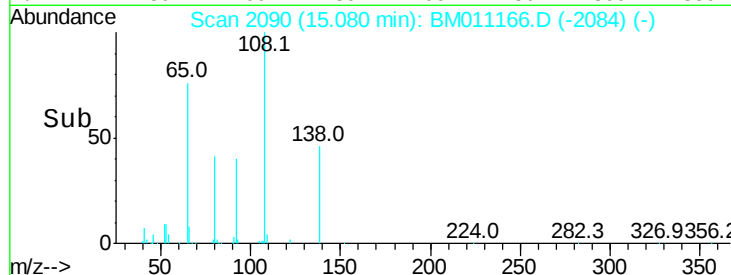
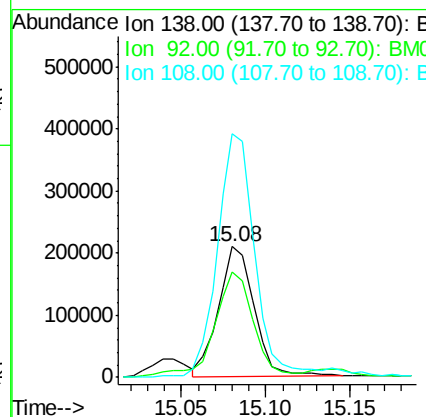
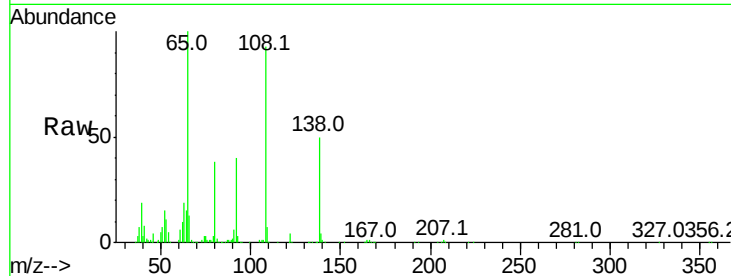
#61
4-Nitroaniline
Concen: 32.279 ng
RT: 15.08 min Scan# 2090
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	80.1	16.7	56.7#
108	186.3	37.6	77.6#

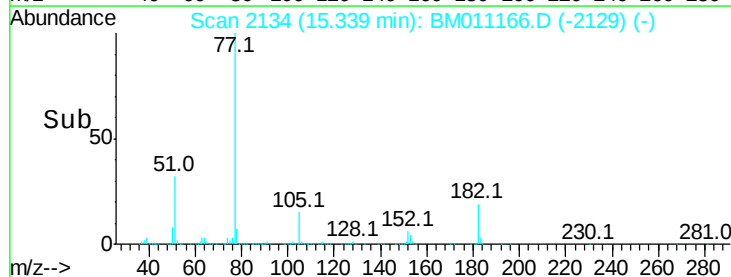
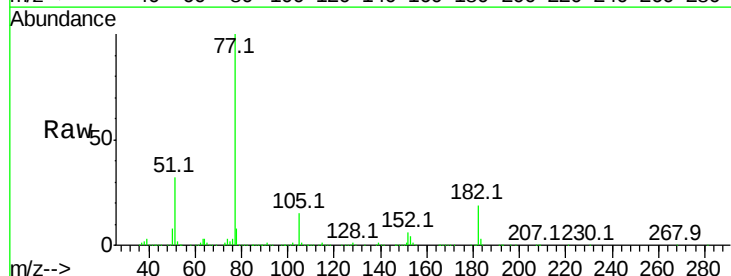
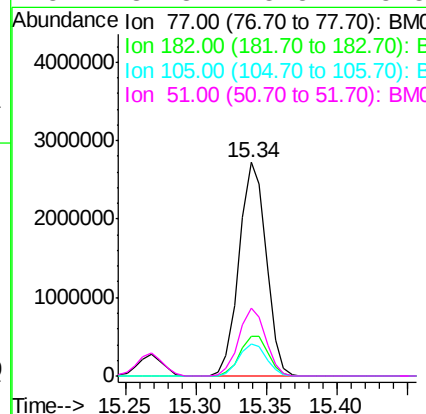
Manual Integrations
APPROVED

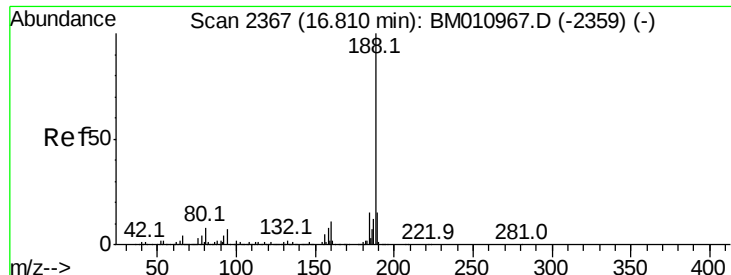
Sohil
8/10/2017 6:13:04 PM



#62
Azobenzene
Concen: 65.403 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.6	6.5	46.5
105	14.7	3.8	43.8
51	31.8	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:188 Resp: 1827048

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

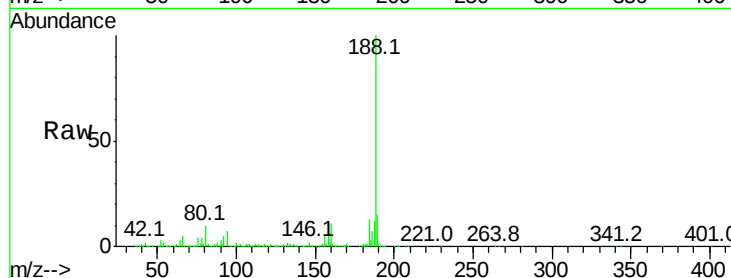
80 10.1 9.3 13.9

Manual Integrations

APPROVED

Sohil

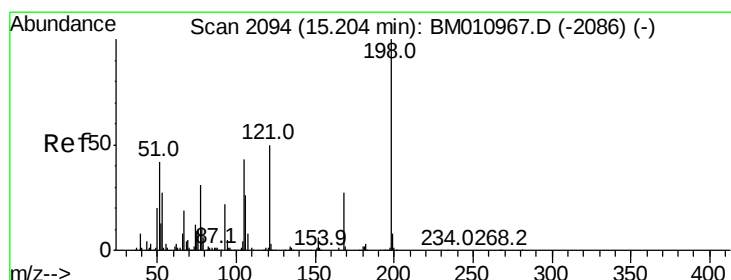
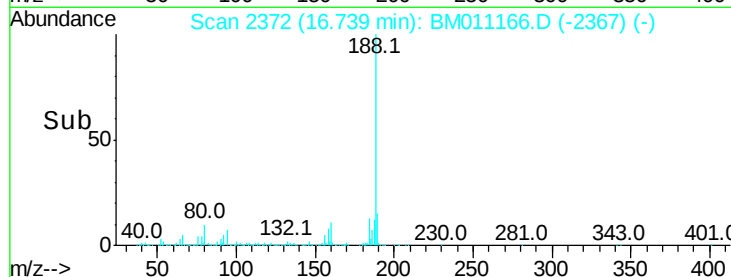
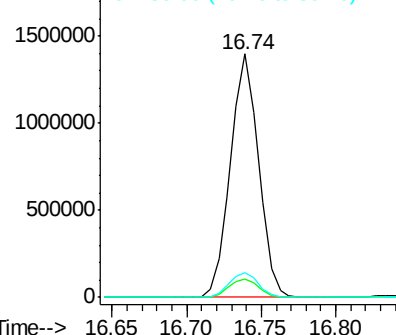
8/10/2017 6:13:04 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.706 ng

RT: 15.14 min Scan# 2100

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

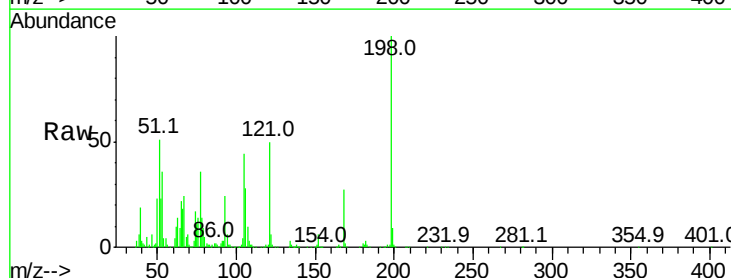
Tgt Ion:198 Resp: 565330

Ion Ratio Lower Upper

198 100

51 51.3 28.8 68.8

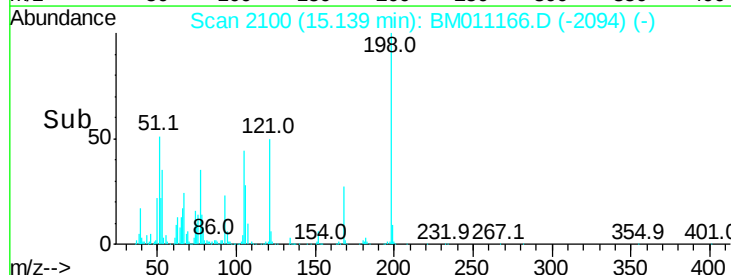
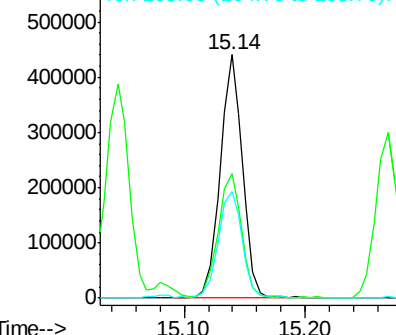
105 43.7 30.5 70.5

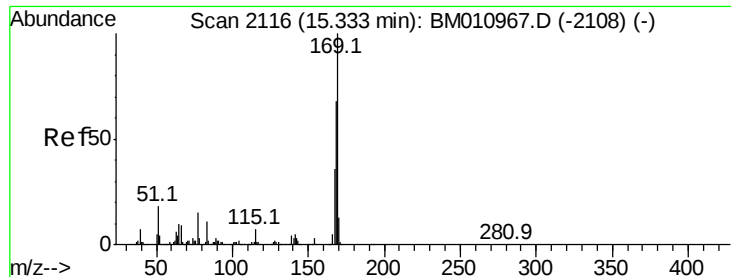


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





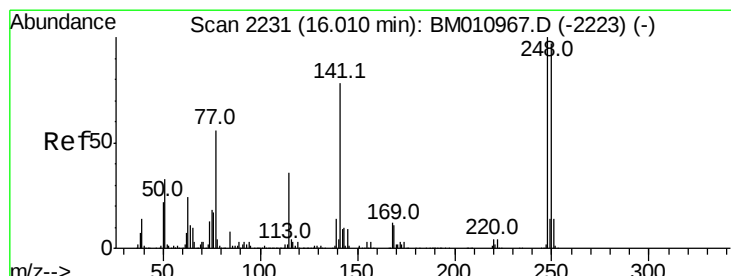
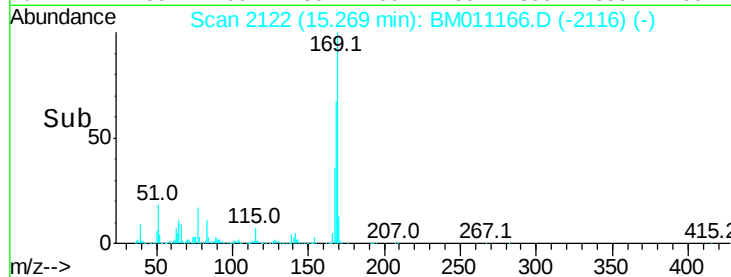
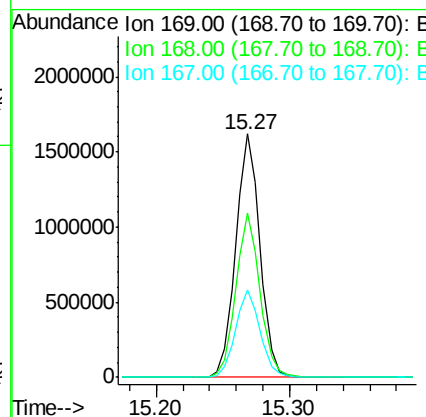
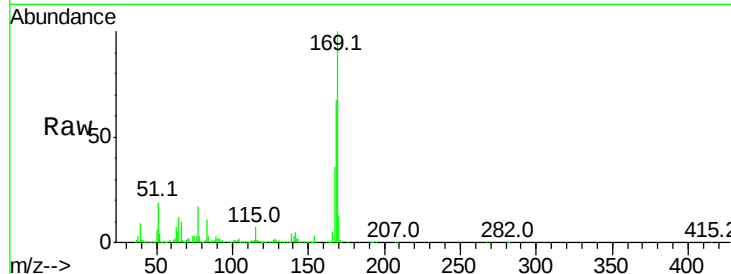
#65
n-Nitrosodiphenylamine
Concen: 39.332 ng
RT: 15.27 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.9	80.9
167	35.8	28.9	43.3

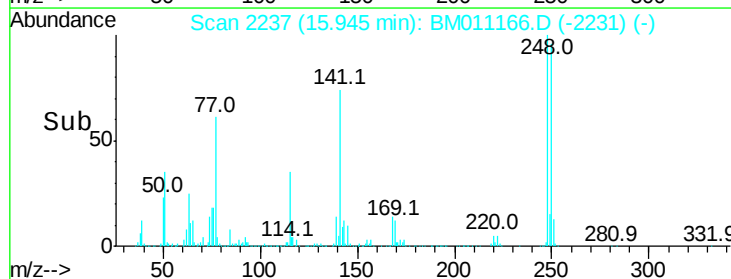
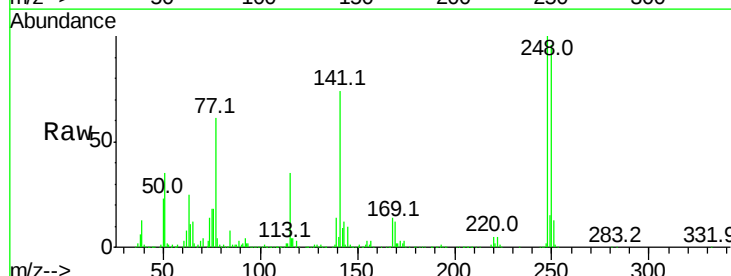
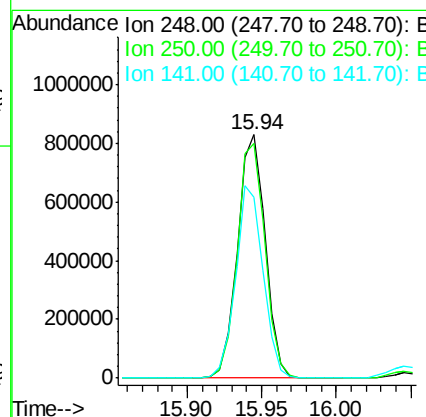
Manual Integrations
APPROVED

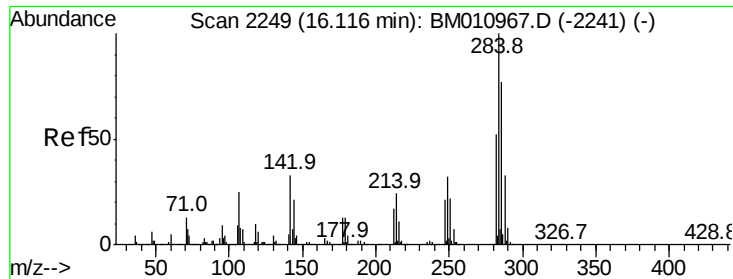
Sohil
8/10/2017 6:13:04 PM



#66
4-Bromophenyl-phenylether
Concen: 45.885 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.0
141	74.3	45.2	67.8





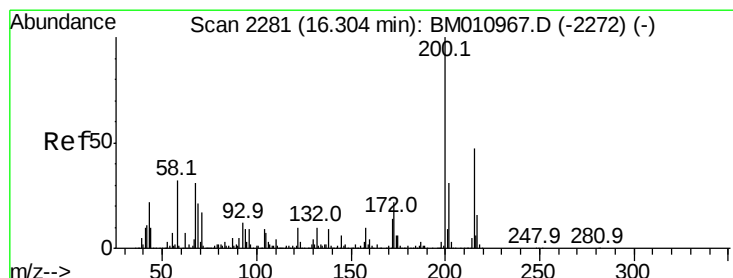
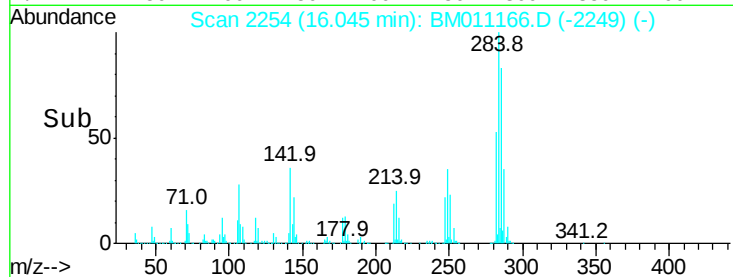
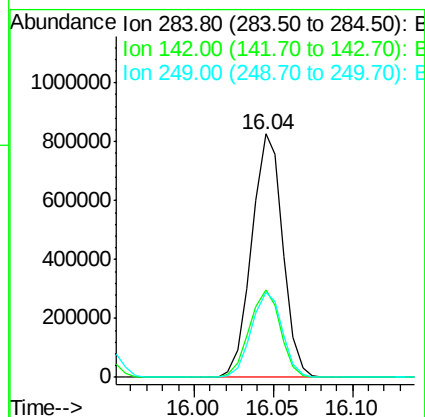
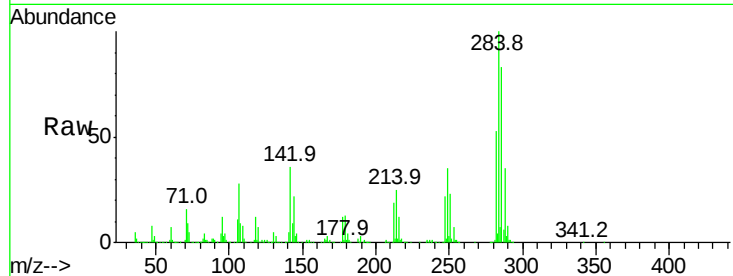
#67
Hexachlorobenzene
Concen: 42.325 ng
RT: 16.04 min Scan# 2254
Delta R.T. -0.07 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	20.4	30.6
249	34.7	23.8	35.6

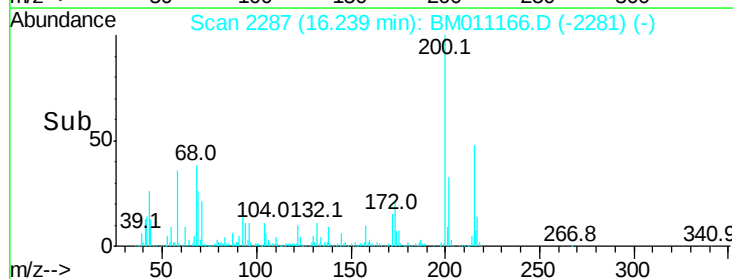
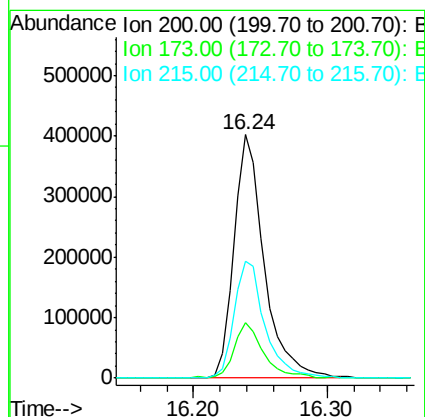
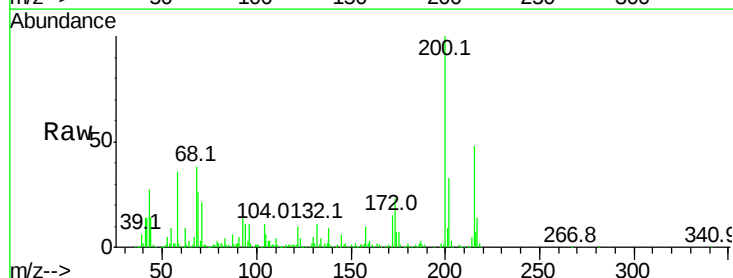
Manual Integrations
APPROVED

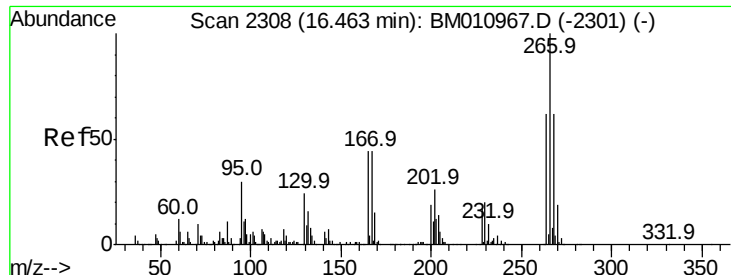
Sohil
8/10/2017 6:13:04 PM



#68
Atrazine
Concen: 30.325 ng
RT: 16.24 min Scan# 2287
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.0	4.8	44.8
215	47.9	26.9	66.9





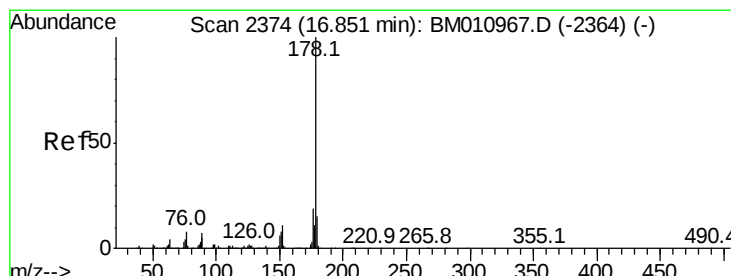
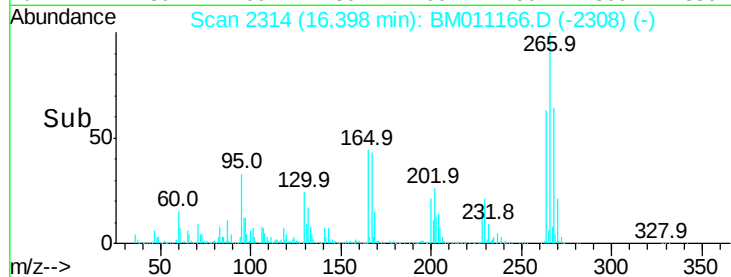
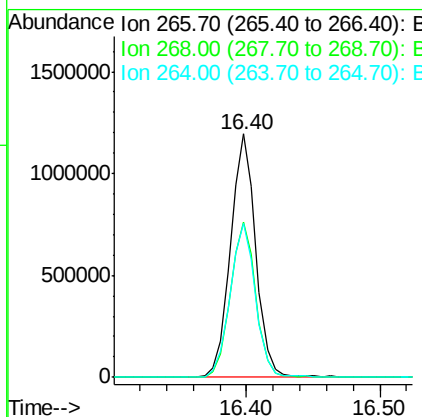
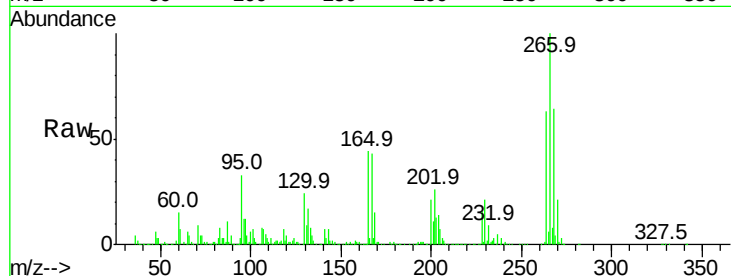
#69
 Pentachlorophenol
 Concen: 93.822 ng
 RT: 16.40 min Scan# 2314
 Delta R.T. -0.06 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	63.3	49.0	73.4

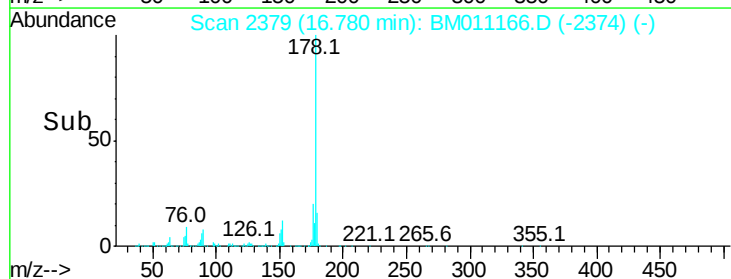
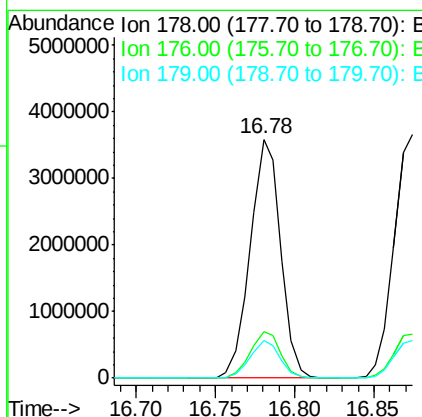
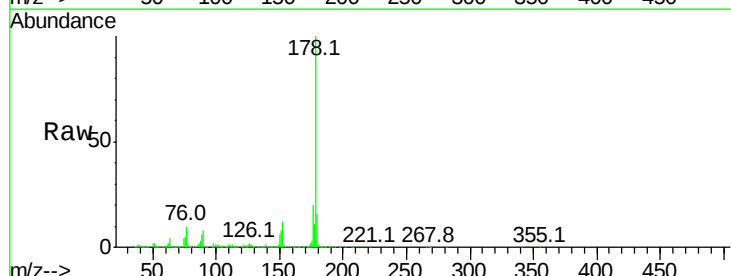
Manual Integrations
 APPROVED

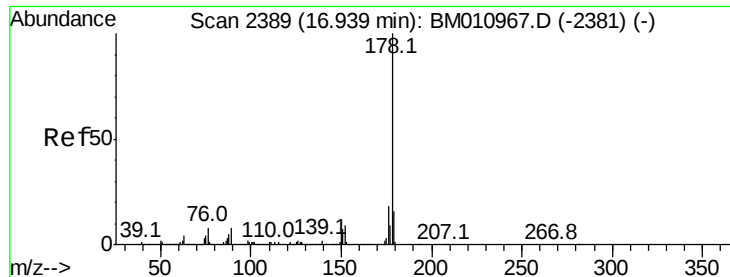
Sohil
 8/10/2017 6:13:04 PM



#70
 Phenanthrene
 Concen: 50.009 ng
 RT: 16.78 min Scan# 2379
 Delta R.T. -0.07 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.6	12.1	18.1





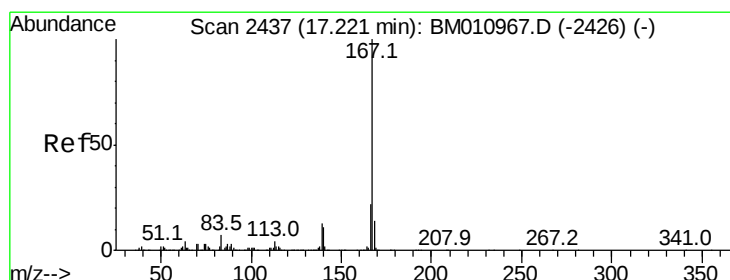
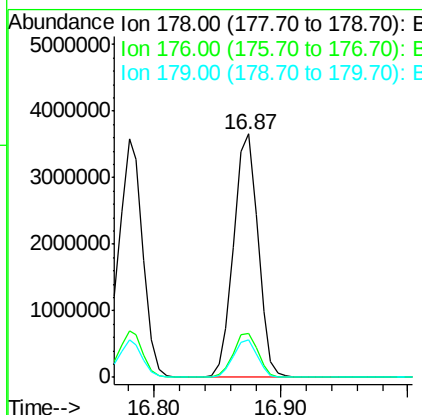
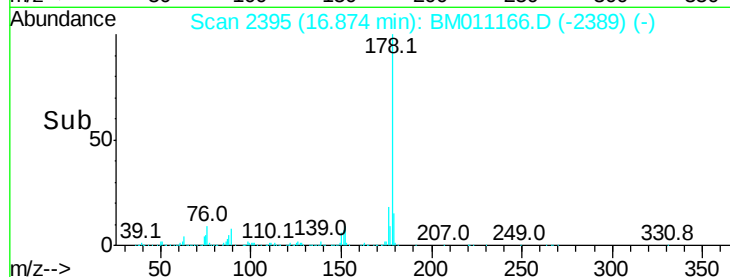
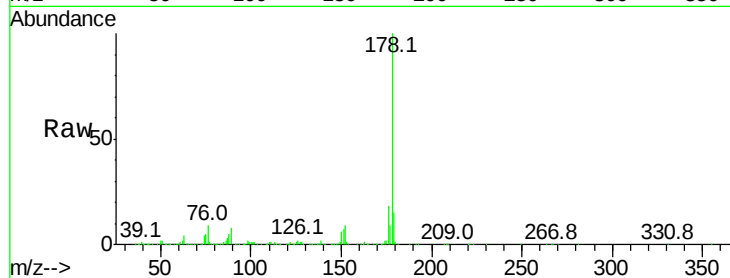
#71
 Anthracene
 Concen: 50.832 ng
 RT: 16.87 min Scan# 2395
 Delta R.T. -0.06 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Instrument :
 BNA_M
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.5	12.6	19.0

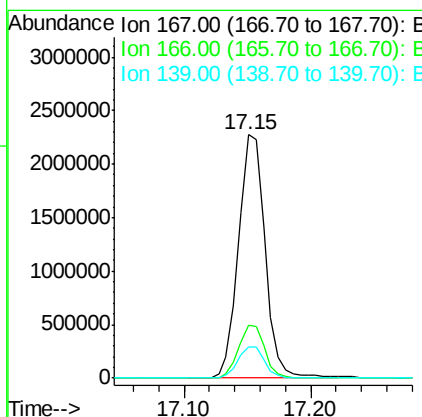
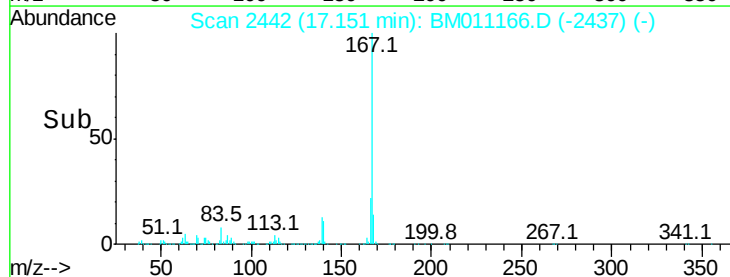
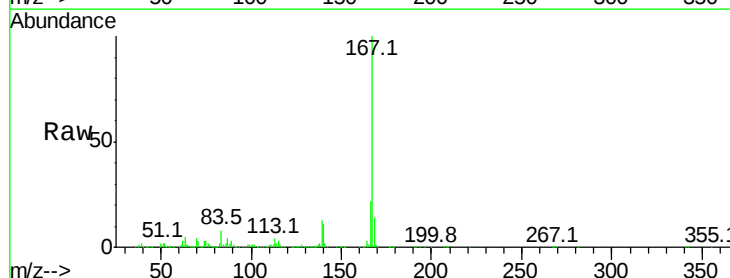
Manual Integrations
 APPROVED

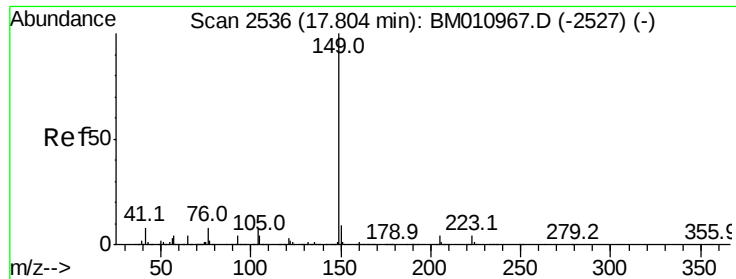
Sohil
 8/10/2017 6:13:04 PM



#72
 Carbazole
 Concen: 39.652 ng
 RT: 17.15 min Scan# 2442
 Delta R.T. -0.07 min
 Lab File: BM011166.D
 Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.0	10.8	16.2





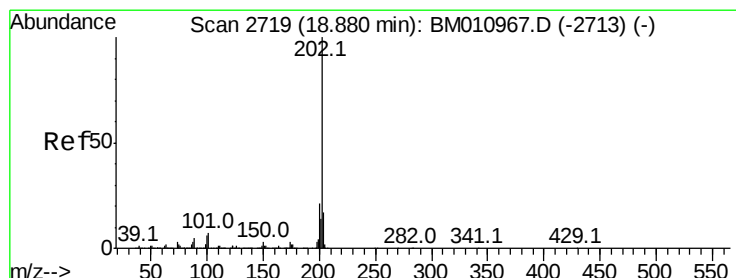
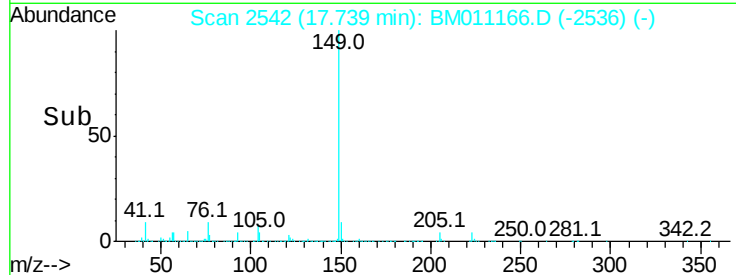
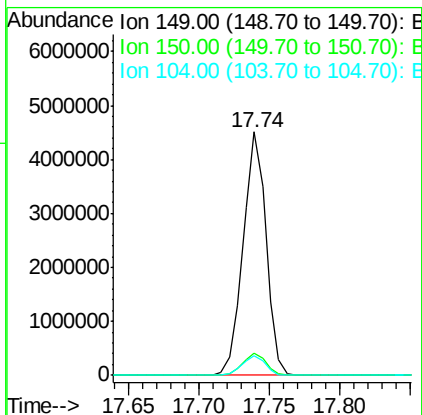
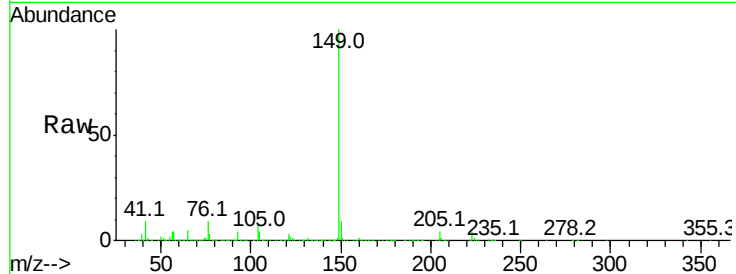
#73
Di-n-butylphthalate
Concen: 50.508 ng
RT: 17.74 min Scan# 2542
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	8.0	3.7	5.5

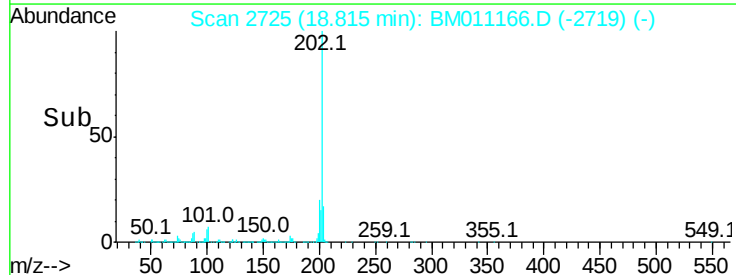
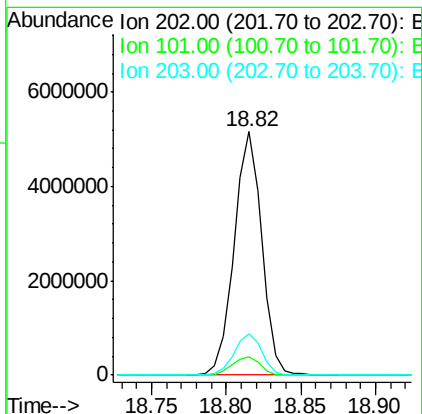
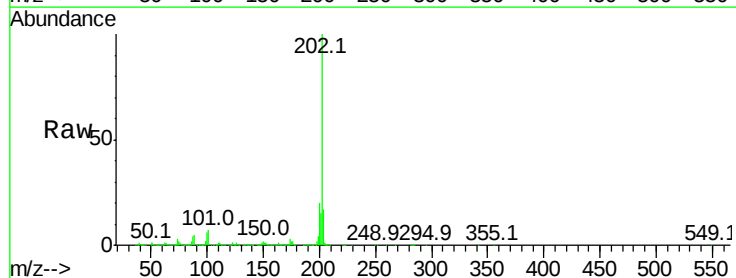
Manual Integrations
APPROVED

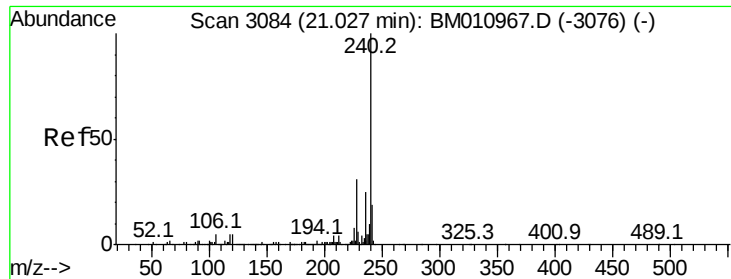
Sohil
8/10/2017 6:13:04 PM



#74
Fluoranthene
Concen: 55.883 ng
RT: 18.82 min Scan# 2725
Delta R.T. -0.06 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:240 Resp: 2310090

Ion Ratio Lower Upper

240 100

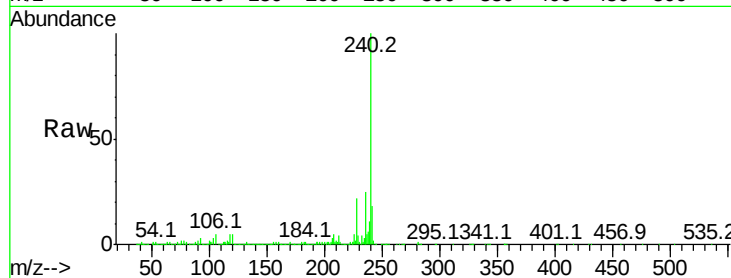
120 4.8 8.2 12.2#

236 25.2 20.0 30.0

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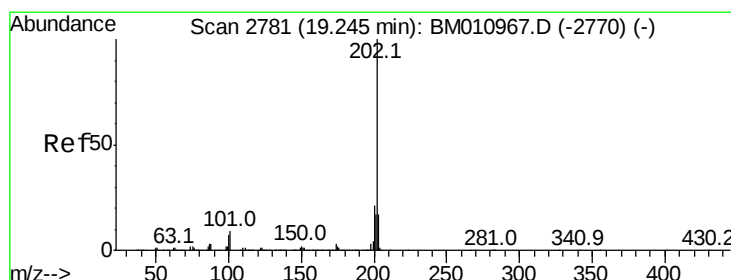
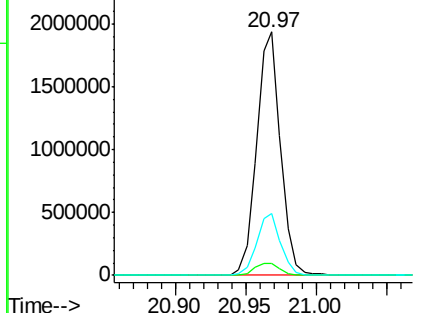
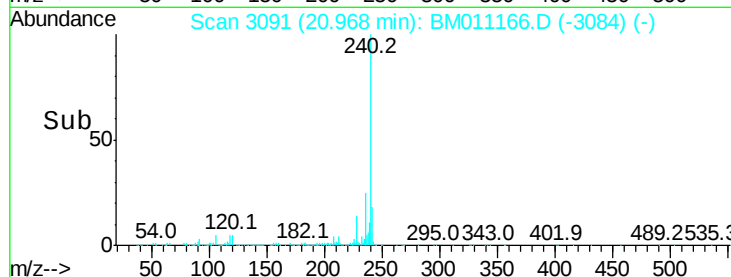
8/10/2017 6:13:04 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 49.331 ng

RT: 19.18 min Scan# 2787

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

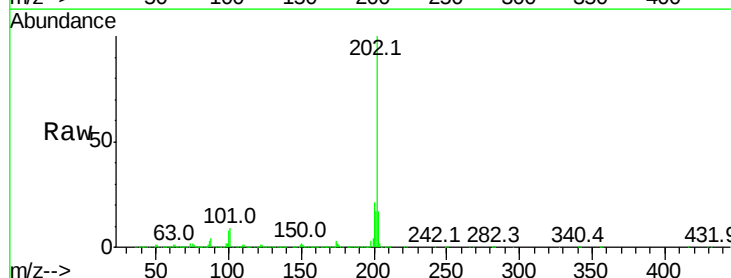
Tgt Ion:202 Resp: 6771362

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

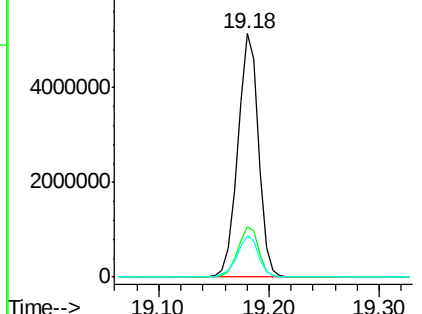
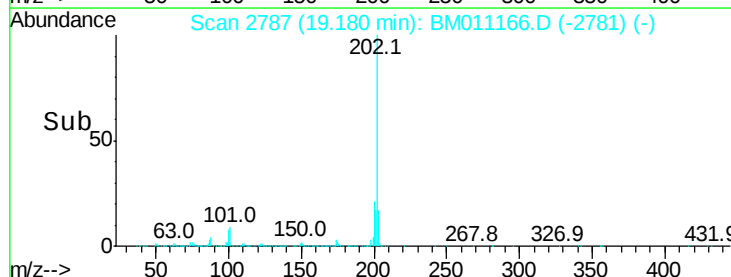
203 17.2 14.1 21.1

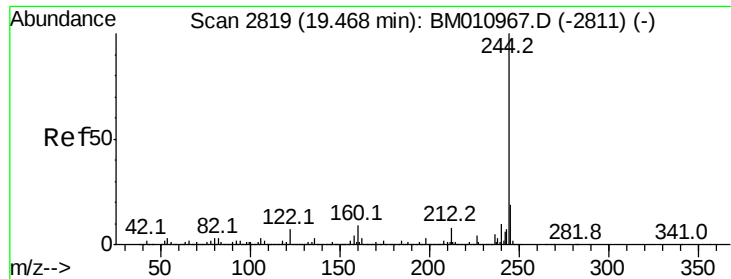


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.952 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:244 Resp:10140358

Ion Ratio Lower Upper

244 100

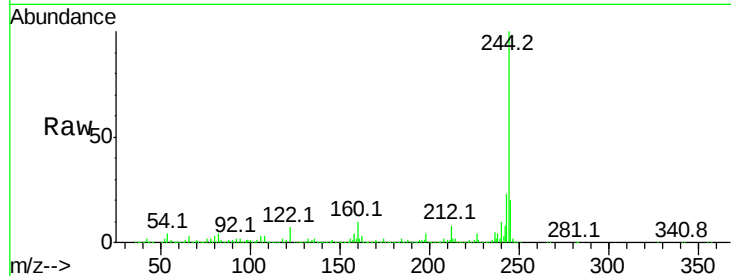
212 8.3 4.9 7.3#

122 7.2 6.2 9.4

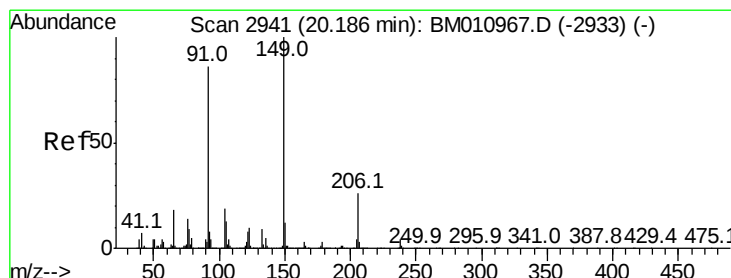
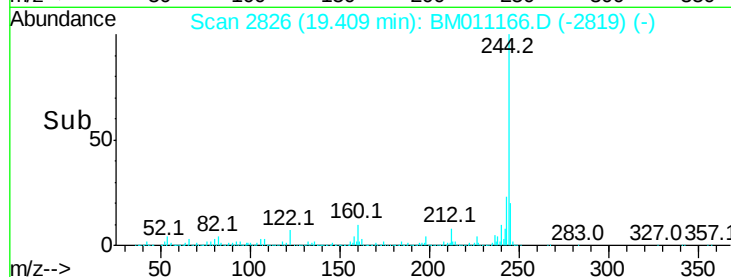
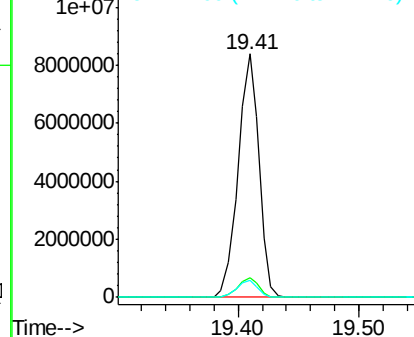
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.639 ng

RT: 20.13 min Scan# 2948

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

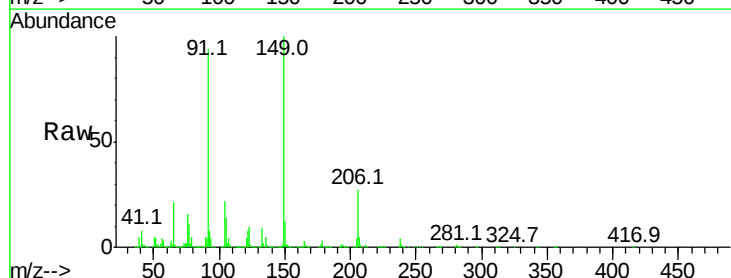
Tgt Ion:149 Resp: 2471711

Ion Ratio Lower Upper

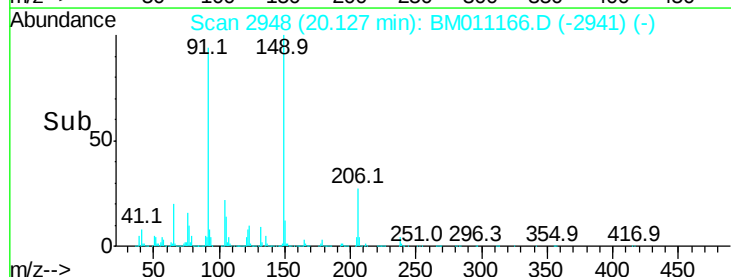
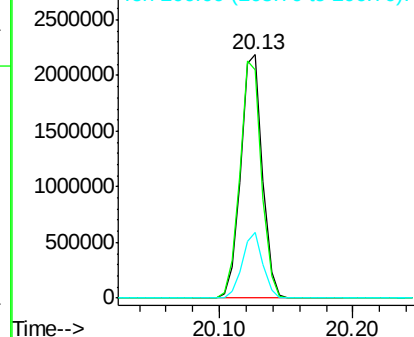
149 100

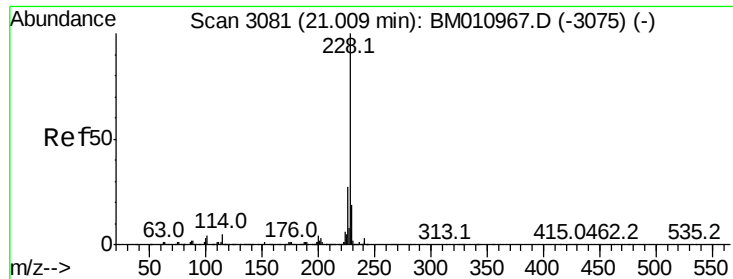
91 93.7 50.1 75.1#

206 27.0 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 50.272 ng

RT: 20.95 min Scan# 3088

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

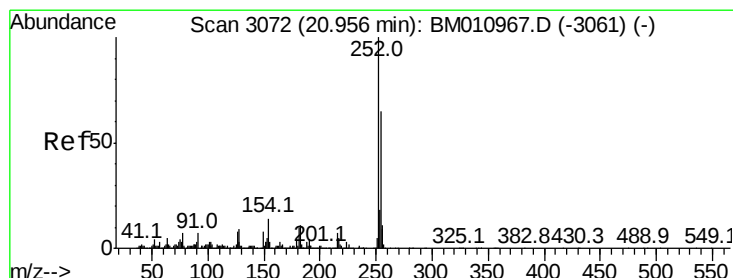
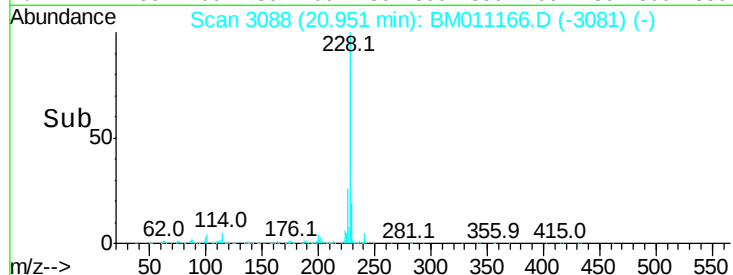
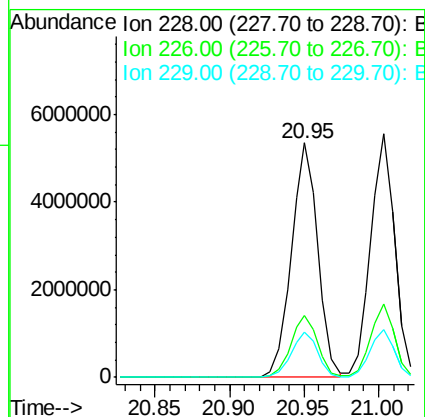
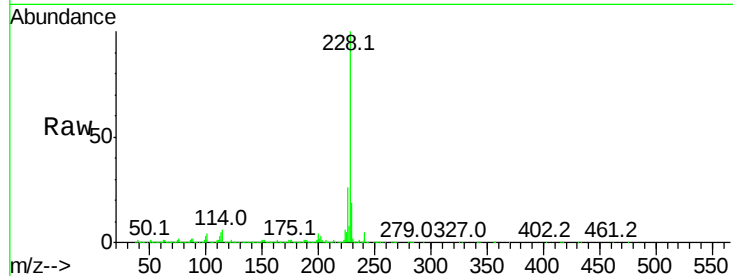
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	228	Resp:	6631156
Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	19.2	16.0	24.0

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#81

3,3'-Dichlorobenzidine

Concen: 5.299 ng

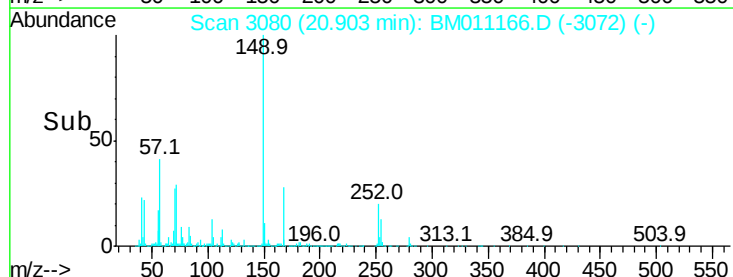
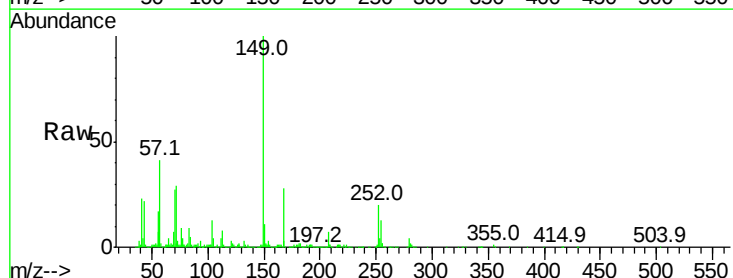
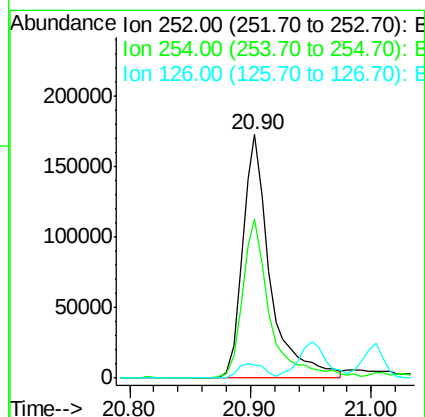
RT: 20.90 min Scan# 3080

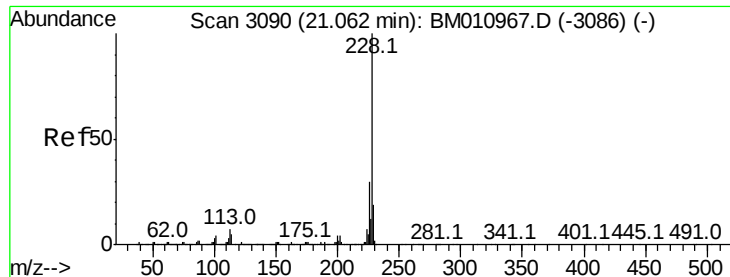
Delta R.T. -0.05 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion:	252	Resp:	274213
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	5.6	9.8	14.8#





#82

Chrysene

Concen: 49.077 ng

RT: 21.00 min Scan# 3097

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:228 Resp: 6213918

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

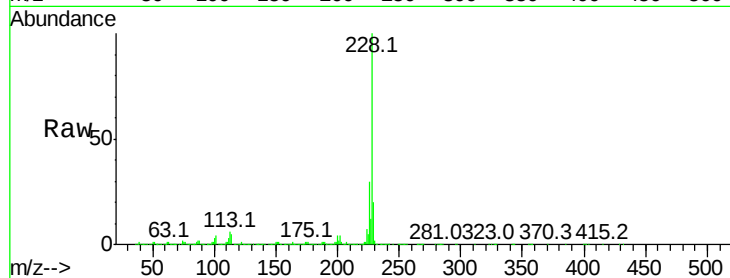
229 19.6 15.5 23.3

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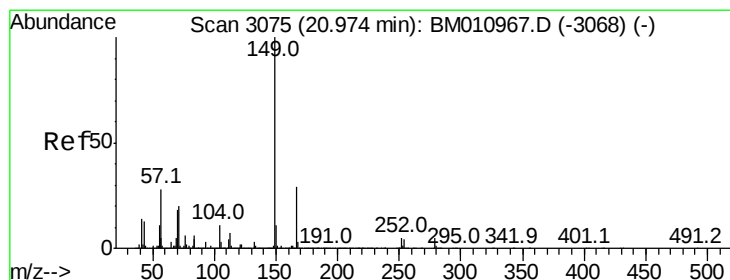
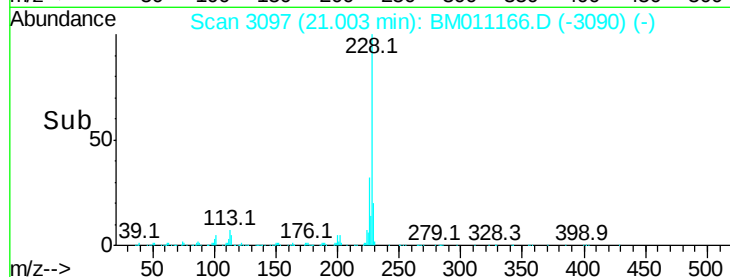
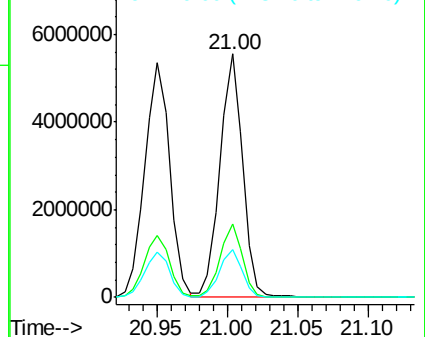
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.318 ng

RT: 20.92 min Scan# 3082

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

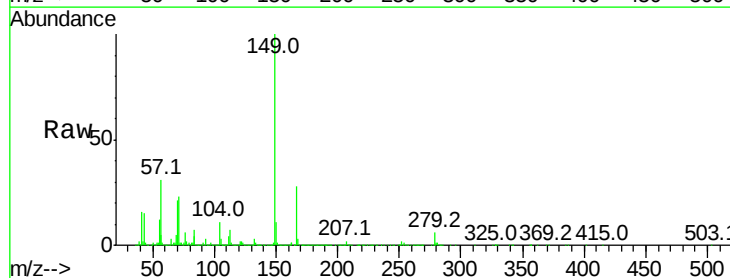
Tgt Ion:149 Resp: 3541344

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

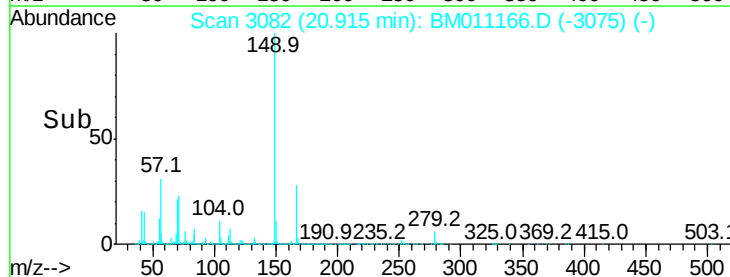
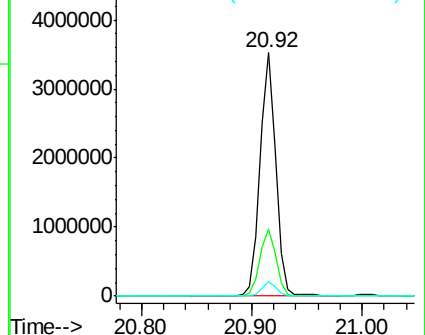
279 5.8 3.4 5.0#

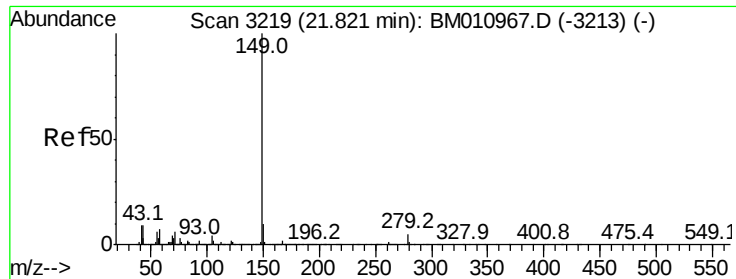


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 50.629 ng

RT: 21.76 min Scan# 3226

Delta R.T. -0.06 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

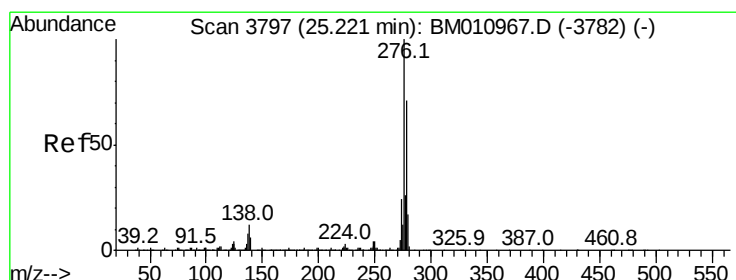
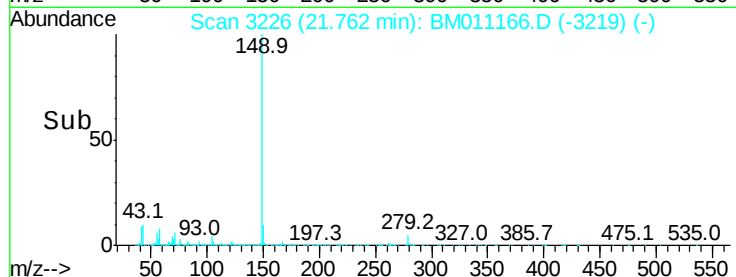
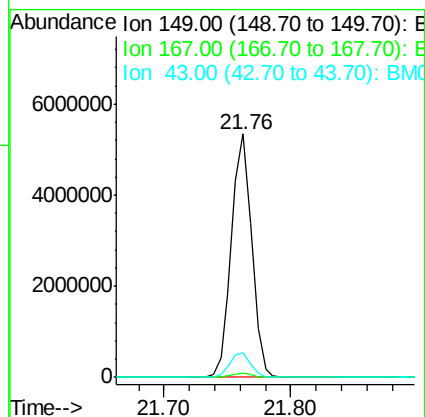
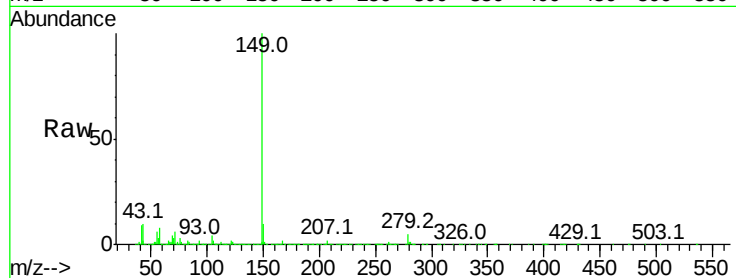
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	149	Resp:	5900391
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.6	7.3	10.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 44.081 ng

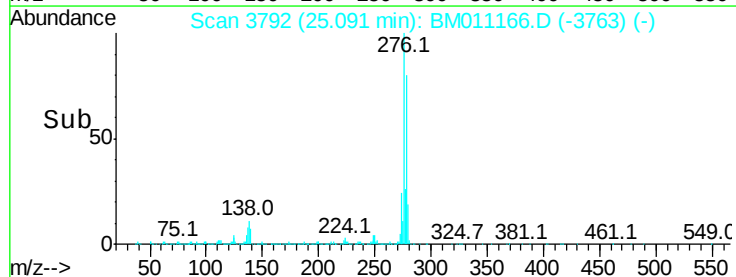
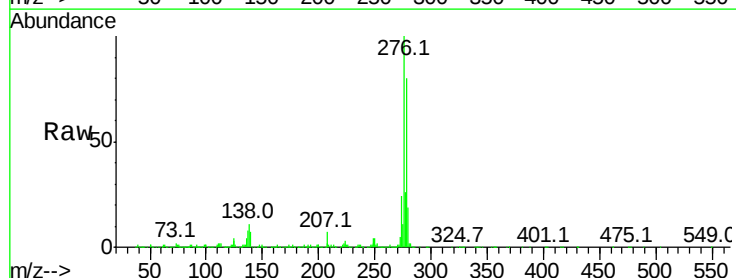
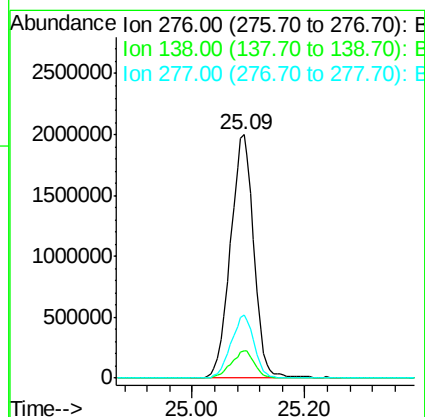
RT: 25.09 min Scan# 3792

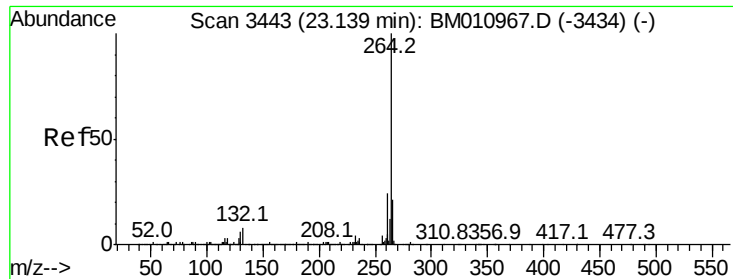
Delta R.T. -0.13 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion:	276	Resp:	5780375
Ion Ratio	Lower	Upper	
276	100		
138	11.4	12.0	18.0#
277	25.6	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Instrument :

BNA_M

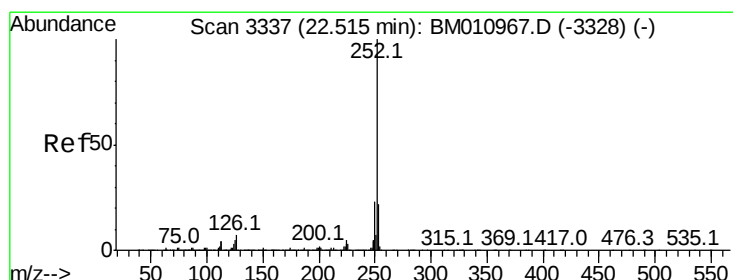
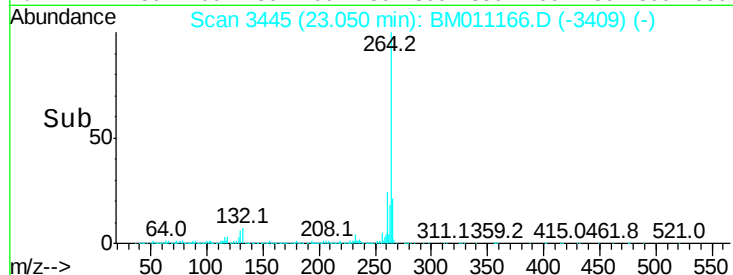
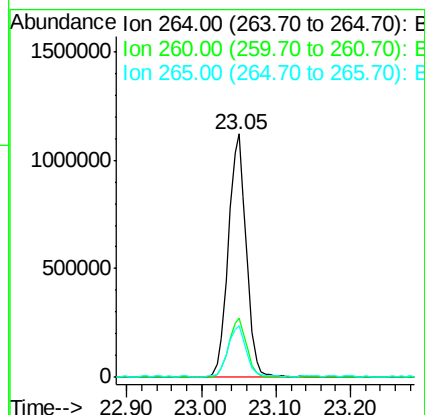
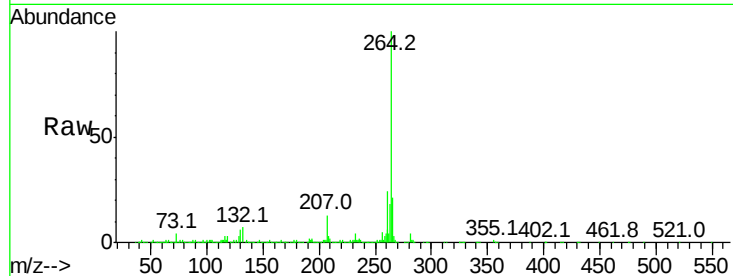
ClientSampleId :

15-50-RT3460-RT4215-RT3451MS

Tot Ion:	264	Resp:	1886611
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	27.8
265	21.4	17.3	25.9

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 55.603 ng

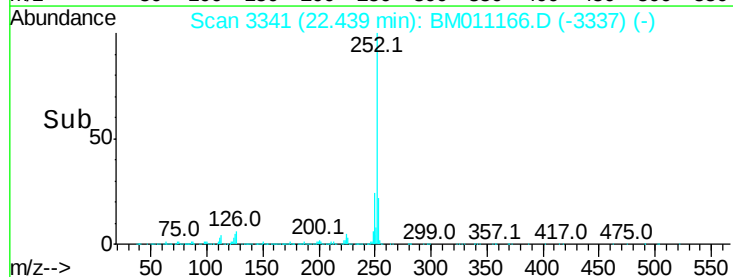
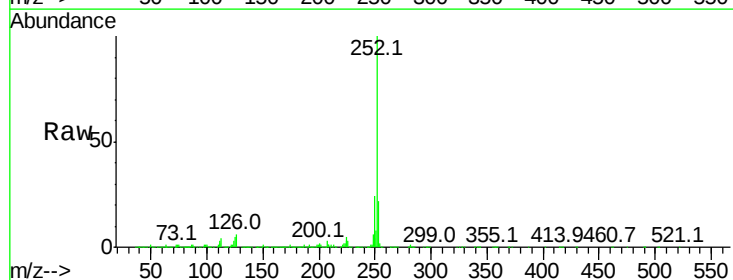
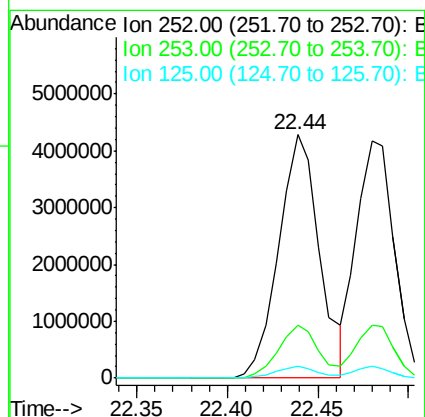
RT: 22.44 min Scan# 3341

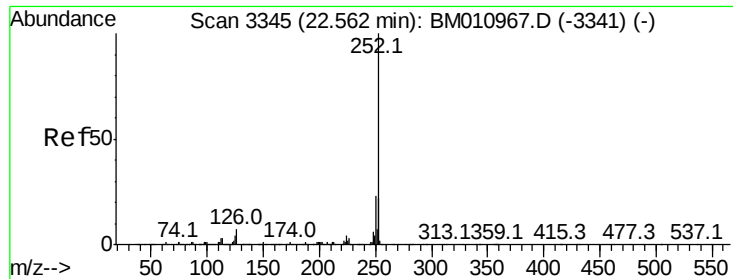
Delta R.T. -0.08 min

Lab File: BM011166.D

Acq: 07 Aug 2017 23:32

Tgt Ion:	252	Resp:	6732752
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	4.8	9.9	14.9#





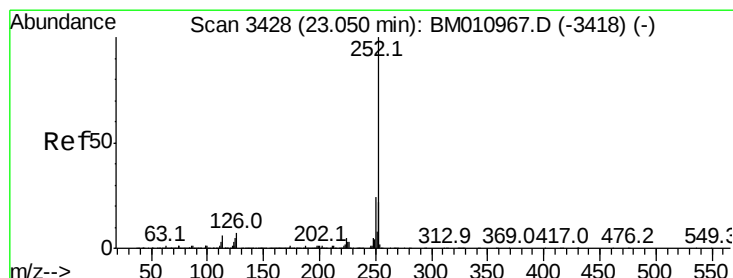
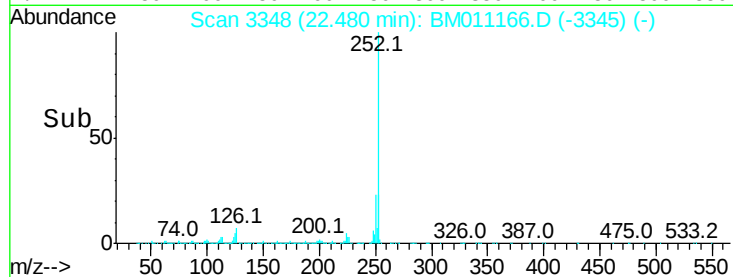
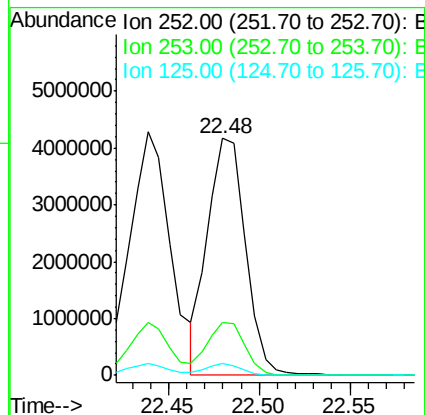
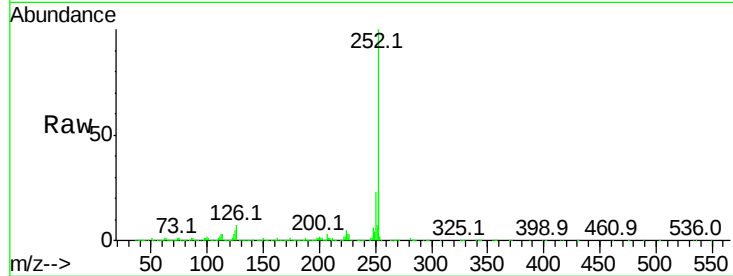
#88
Benzo(k)fluoranthene
Concen: 52.064 ng
RT: 22.48 min Scan# 3348
Delta R.T. -0.08 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	4.8	8.1	12.1

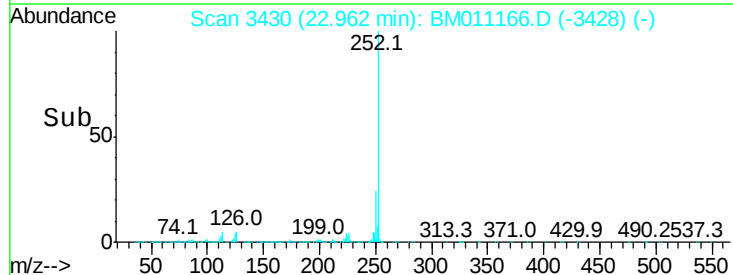
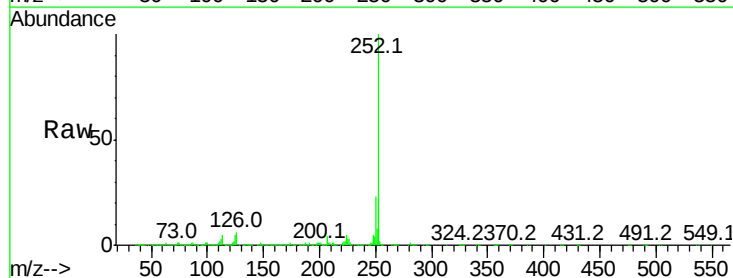
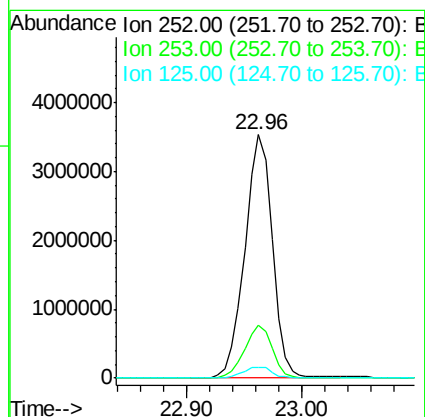
Manual Integrations
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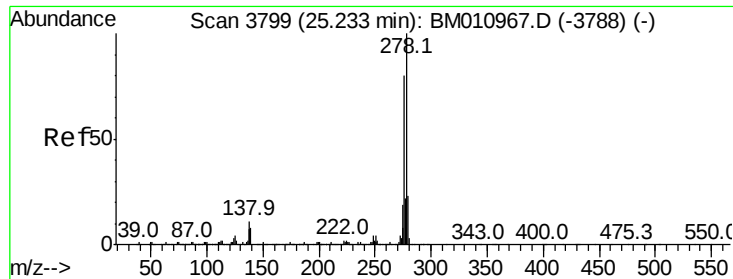
Sohil
8/10/2017 6:13:04 PM



#89
Benzo(a)pyrene
Concen: 53.577 ng
RT: 22.96 min Scan# 3430
Delta R.T. -0.09 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	4.6	7.4	11.2





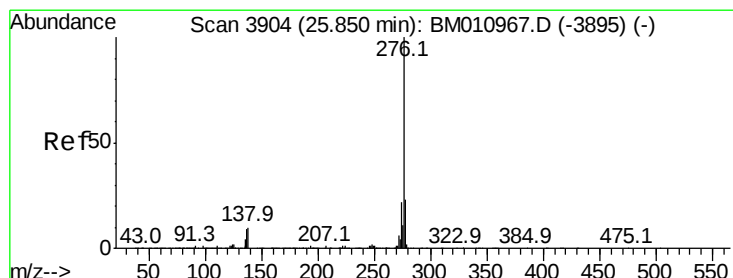
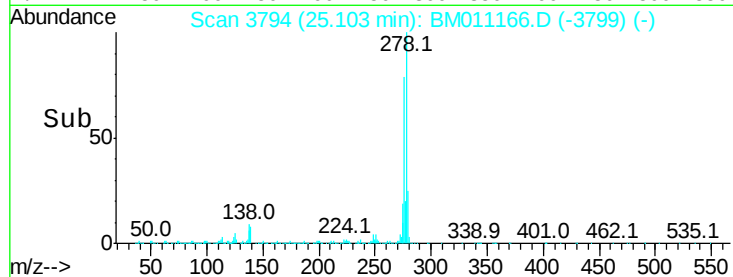
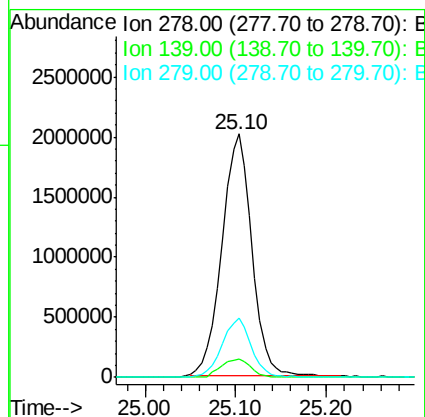
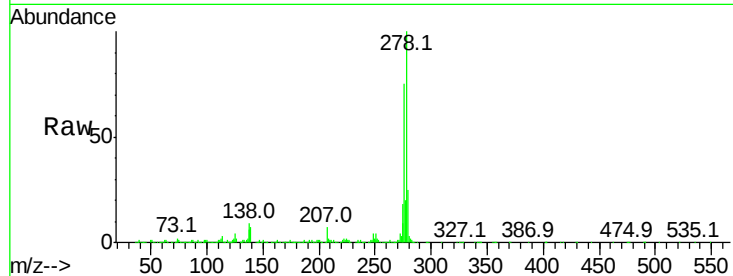
#90
Dibenzo(a,h)anthracene
Concen: 45.244 ng
RT: 25.10 min Scan# 3794
Delta R.T. -0.13 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	13.4	20.0#
279	24.6	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 45.301 ng
RT: 25.71 min Scan# 3897
Delta R.T. -0.14 min
Lab File: BM011166.D
Acq: 07 Aug 2017 23:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	9.1	19.0	28.6#

